

NEWFIELD



January 12, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16,
8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mandie Crozier", written in dark ink.

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

JAN 13 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

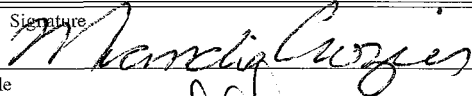
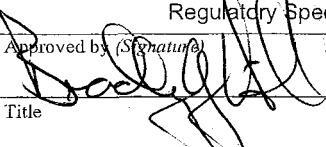
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-21-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NW 2033' FNL 551' FWL 574151 X 40.017980 At proposed prod. zone 4429904Y -110.131115		9. API Well No. 43-013-33020
14. Distance in miles and direction from nearest town or post office* Approximatley 21.7 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 607' f/lse, NA' f/unit		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 21, T9S R16E
16. No. of Acres in lease 1626.36		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1462'		20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6036' GL		22. Approximate date work will start* 1st Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to ng release.		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/11/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-23-06
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

JAN 13 2006

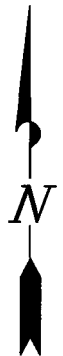
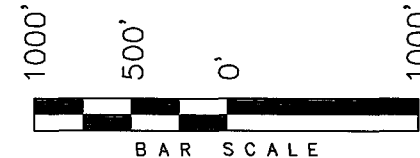
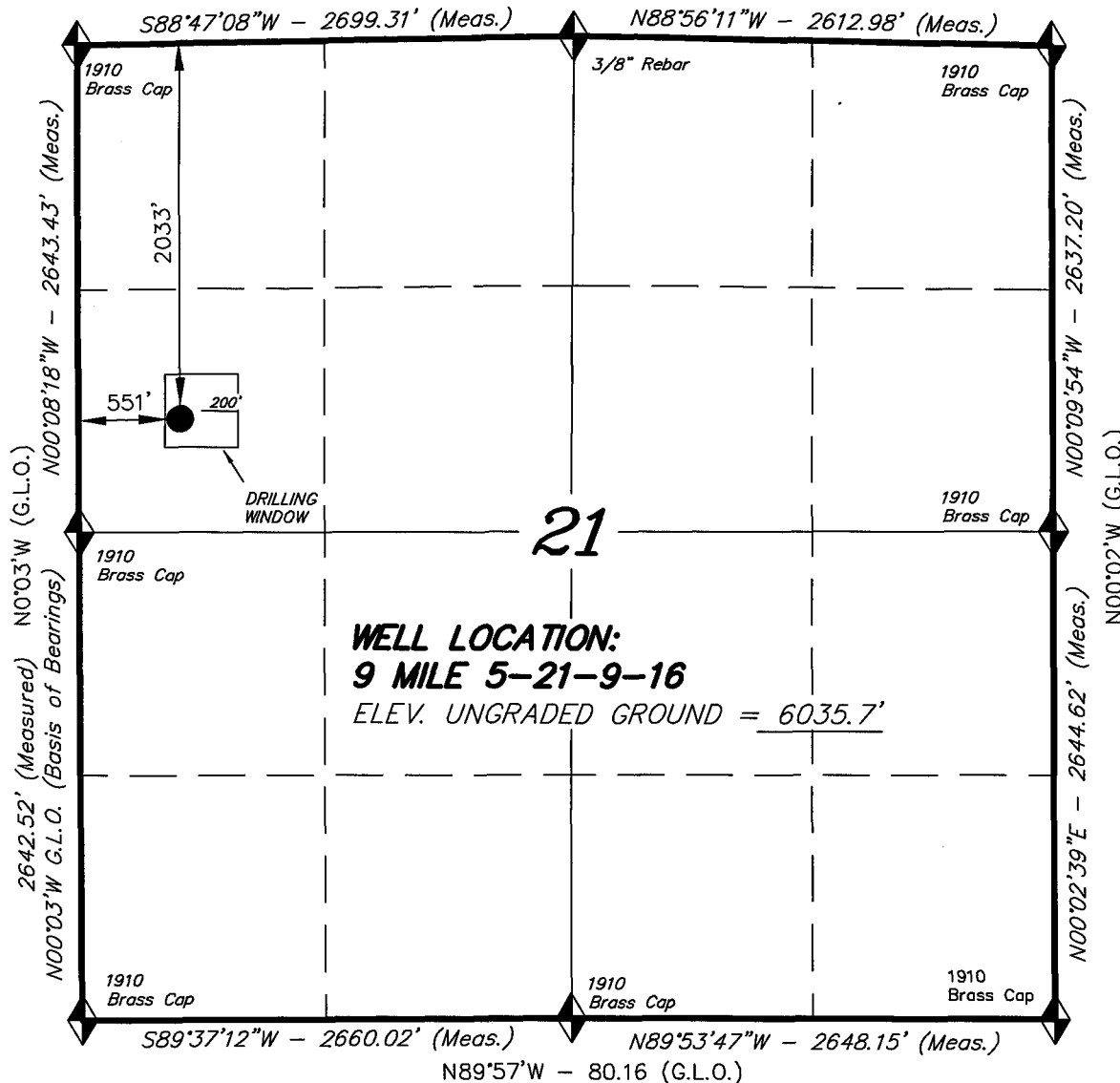
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

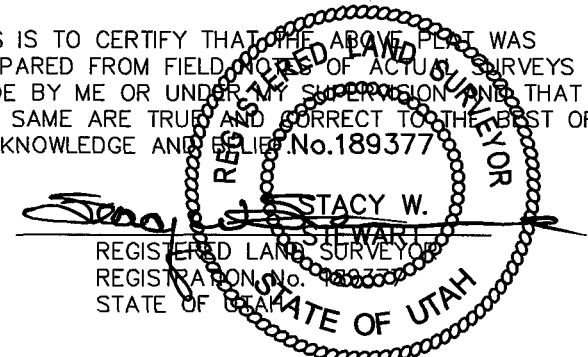
N89°57'W - 80.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-21-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 21, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-21-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 05.17"
LONGITUDE = 110° 07' 54.43"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-23-05	SURVEYED BY: K.G.S.
DATE DRAWN: 11-30-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-21-9-16
SW/NW SECTION 21, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2365'
Green River	2365'
Wasatch	5970'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2365' – 5970' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-21-9-16
SW/NW SECTION 21, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-21-9-16 located in the SW 1/4 NW 1/4 Section 21, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 9.2 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 40' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #5-21-9-16 Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-21-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-21-9-16 SW/NW Section 21, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/11/06

Date

Mandie Crozier

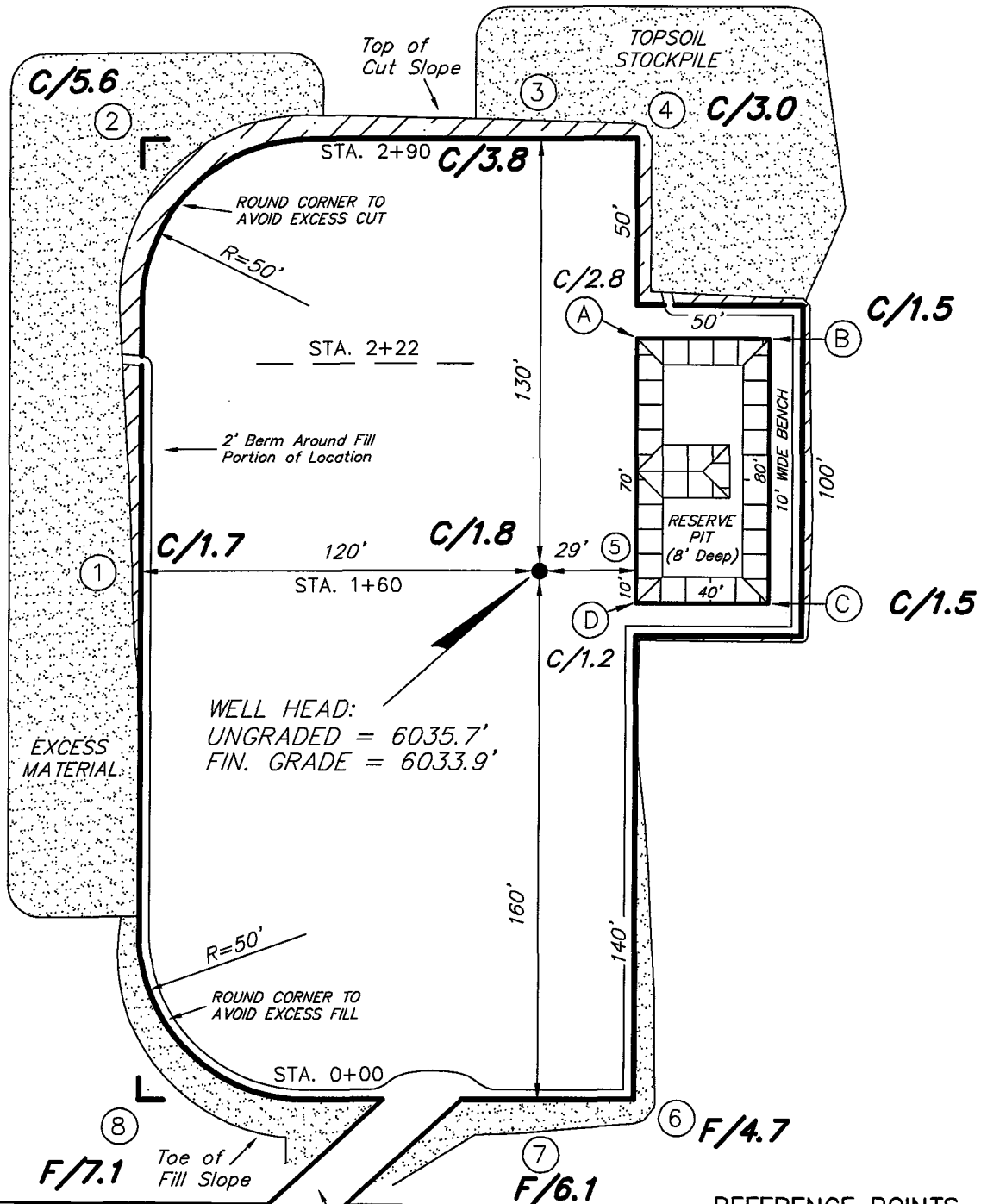
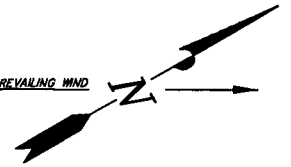
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-21-9-16

Section 21, T9S, R16E, S.L.B.&M.

PREVAILING WIND



REFERENCE POINTS

180' NORTHWEST = 6037.8'
230' NORTHWEST = 6037.4'
170' SOUTHWEST = 6036.0'
220' SOUTHWEST = 6036.5'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-30-05

Tri State
Land Surveying, Inc.

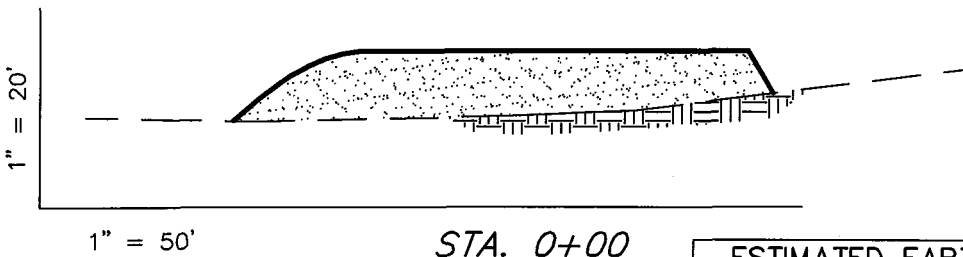
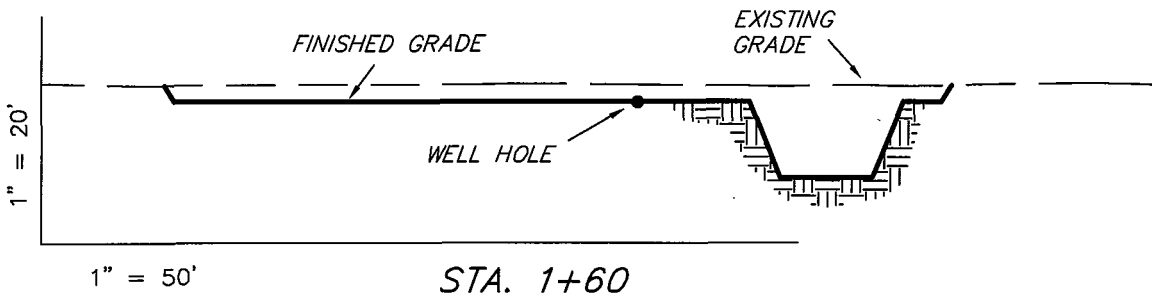
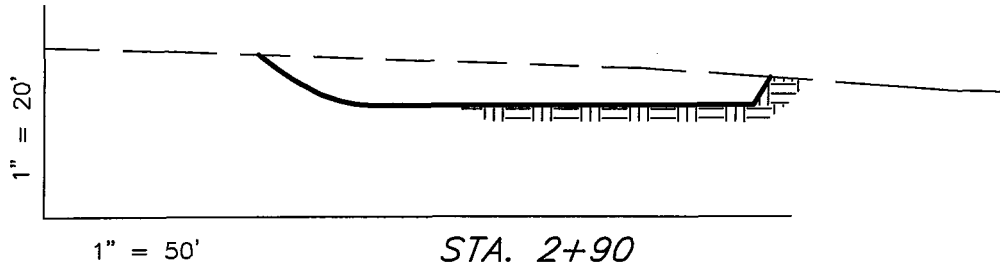
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-21-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,460	2,460	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,100	2,460	970	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

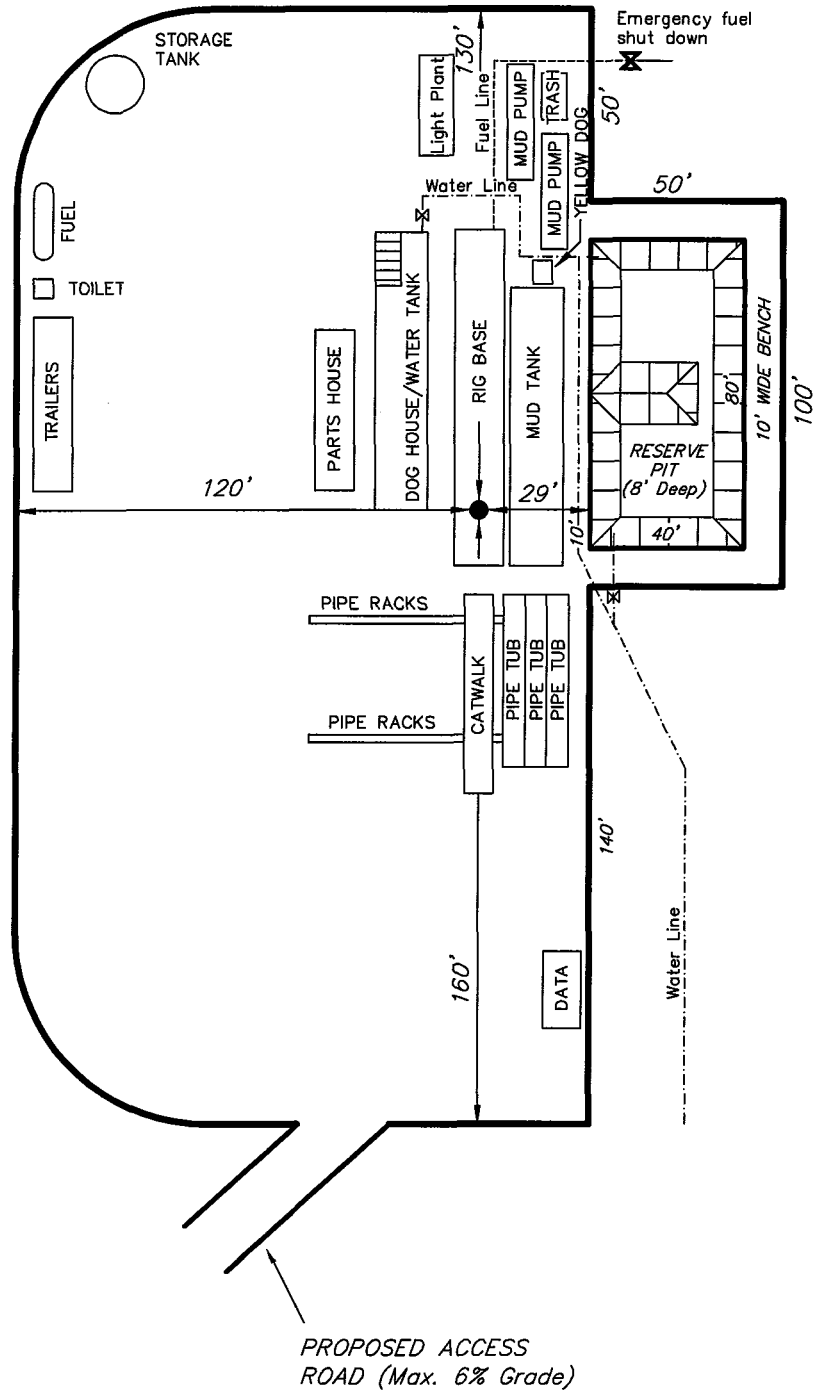
DATE: 11-30-05

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-21-9-16



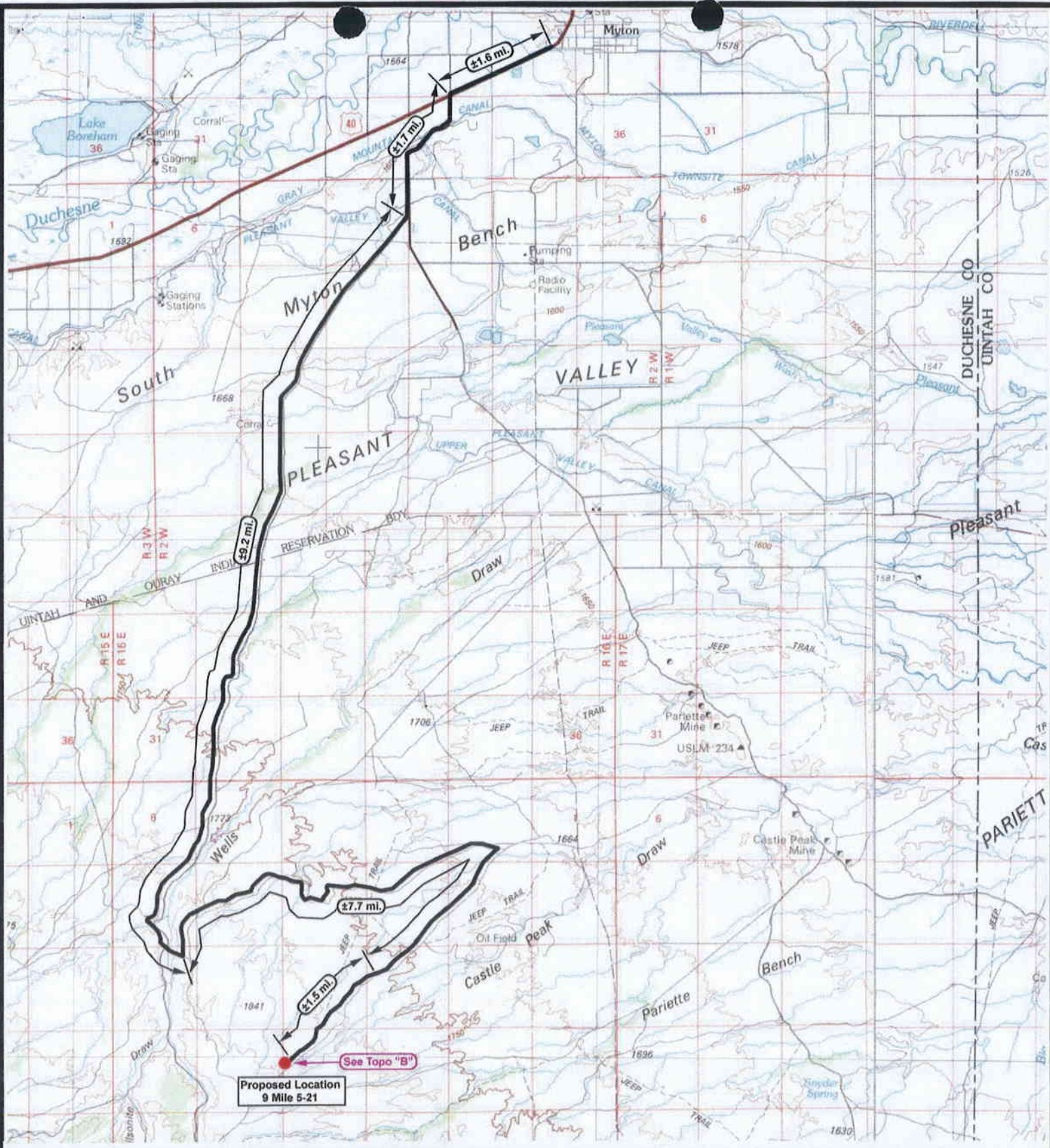
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-30-05

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

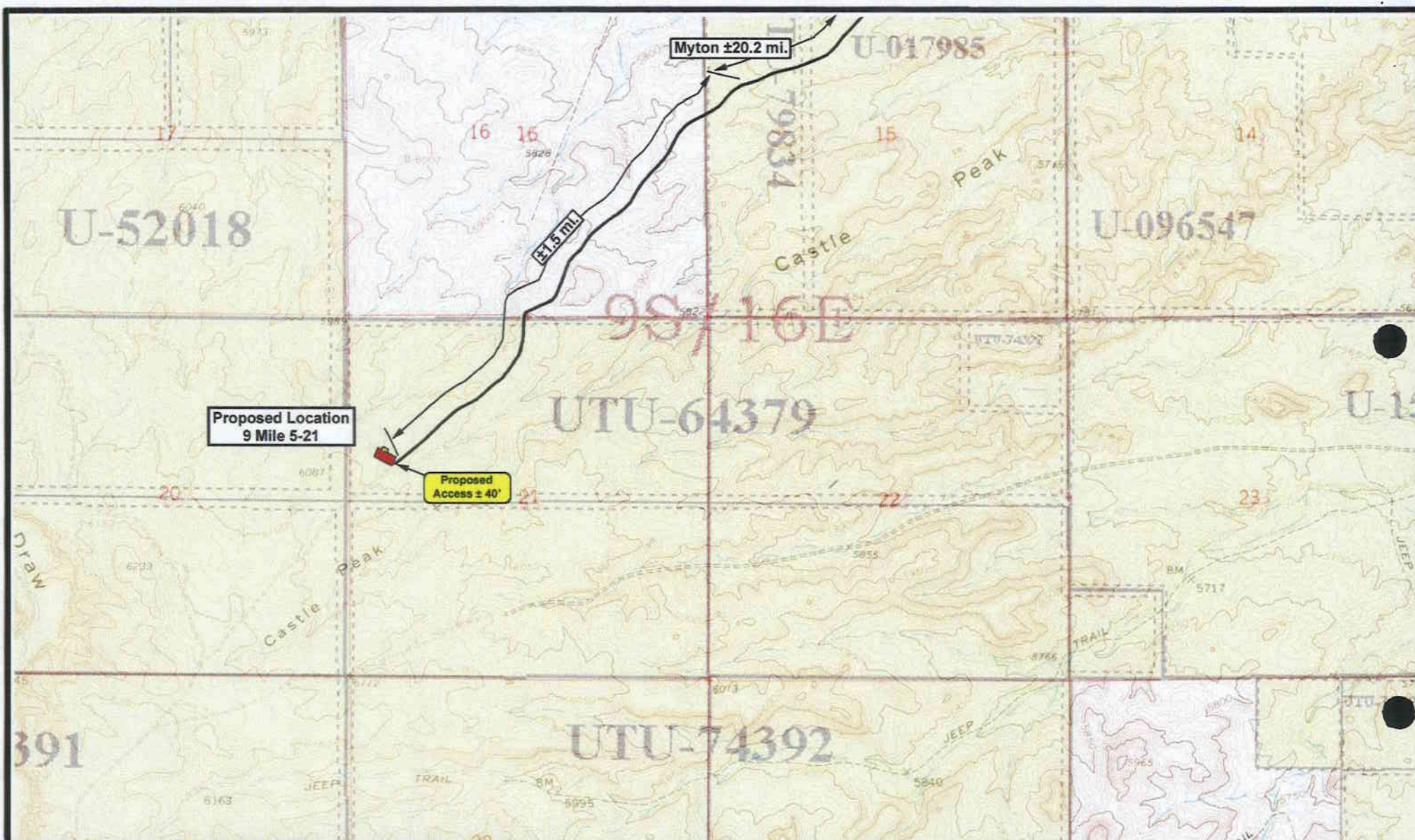
SCALE: 1 = 100,000
DRAWN BY: niw
DATE: 12-08-2005

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

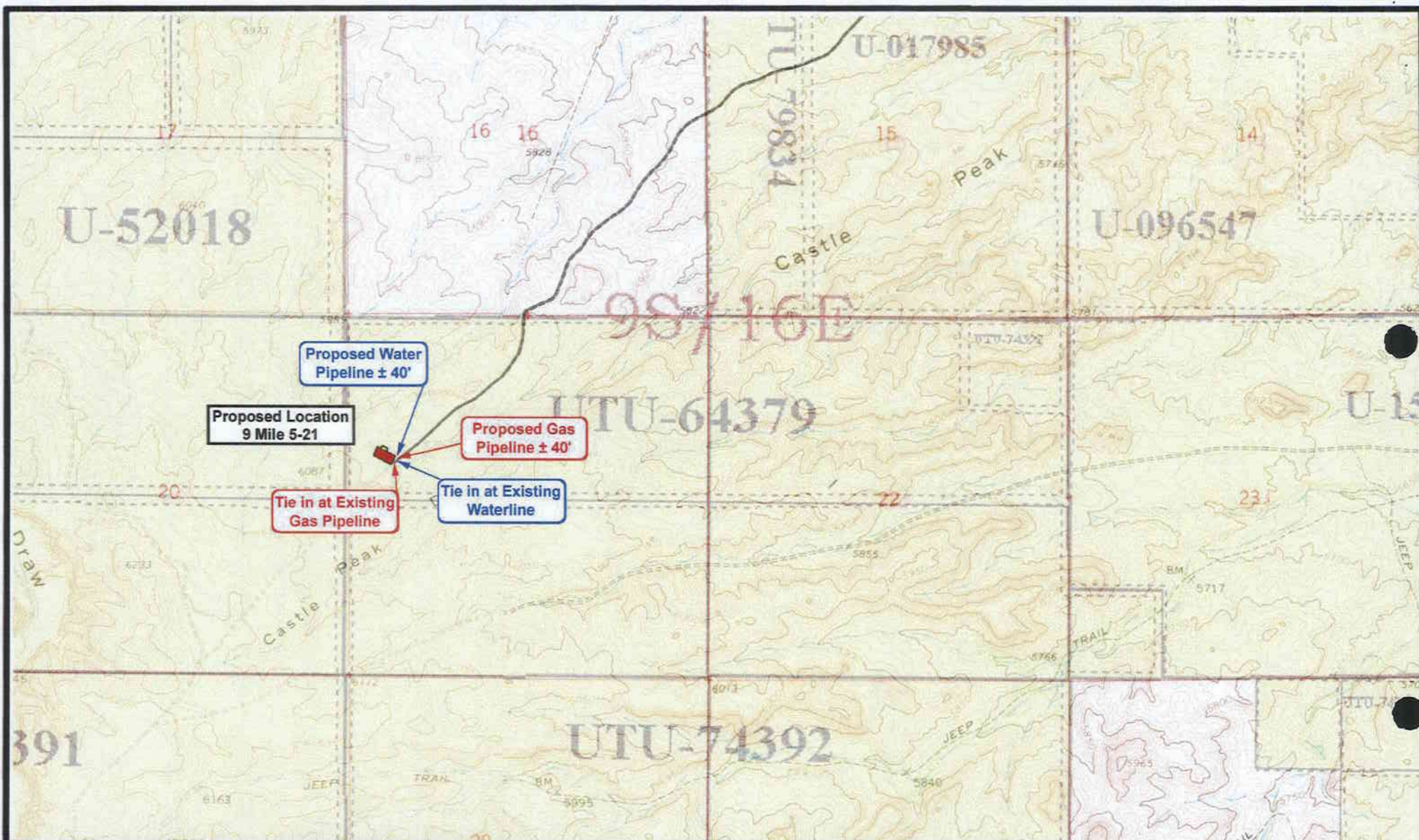


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-08-2005

Legend
Existing Road
Proposed Access

"B"



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



Tri-State
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180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

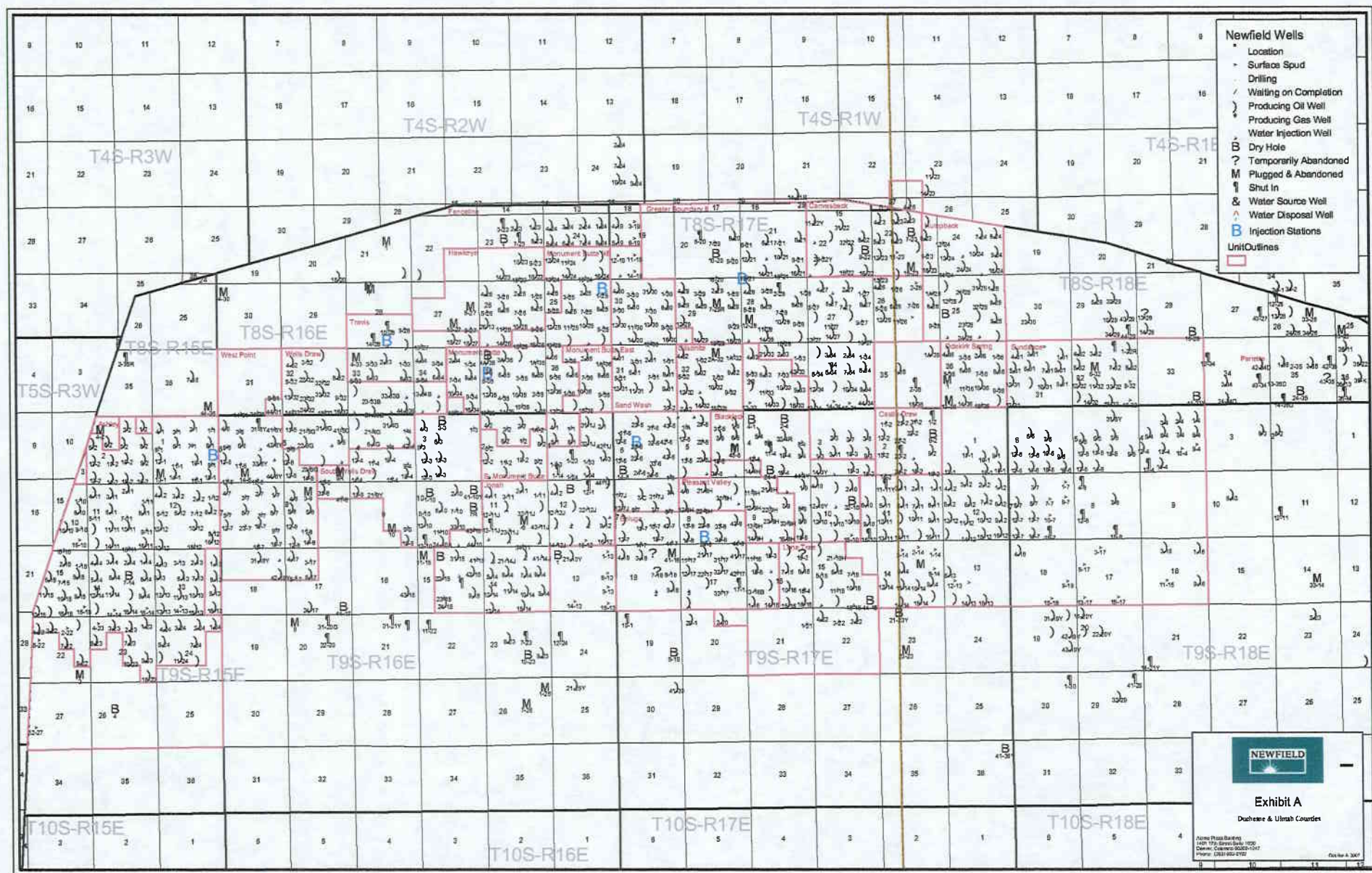
DRAWN BY: mw

DATE: 12-08-2005

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

"C"



UTU-64379

U-40894

U-017985

U-52018

Proposed Location
9 Mile 5-21

UTU-64379

UTU-74392



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



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SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-08-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

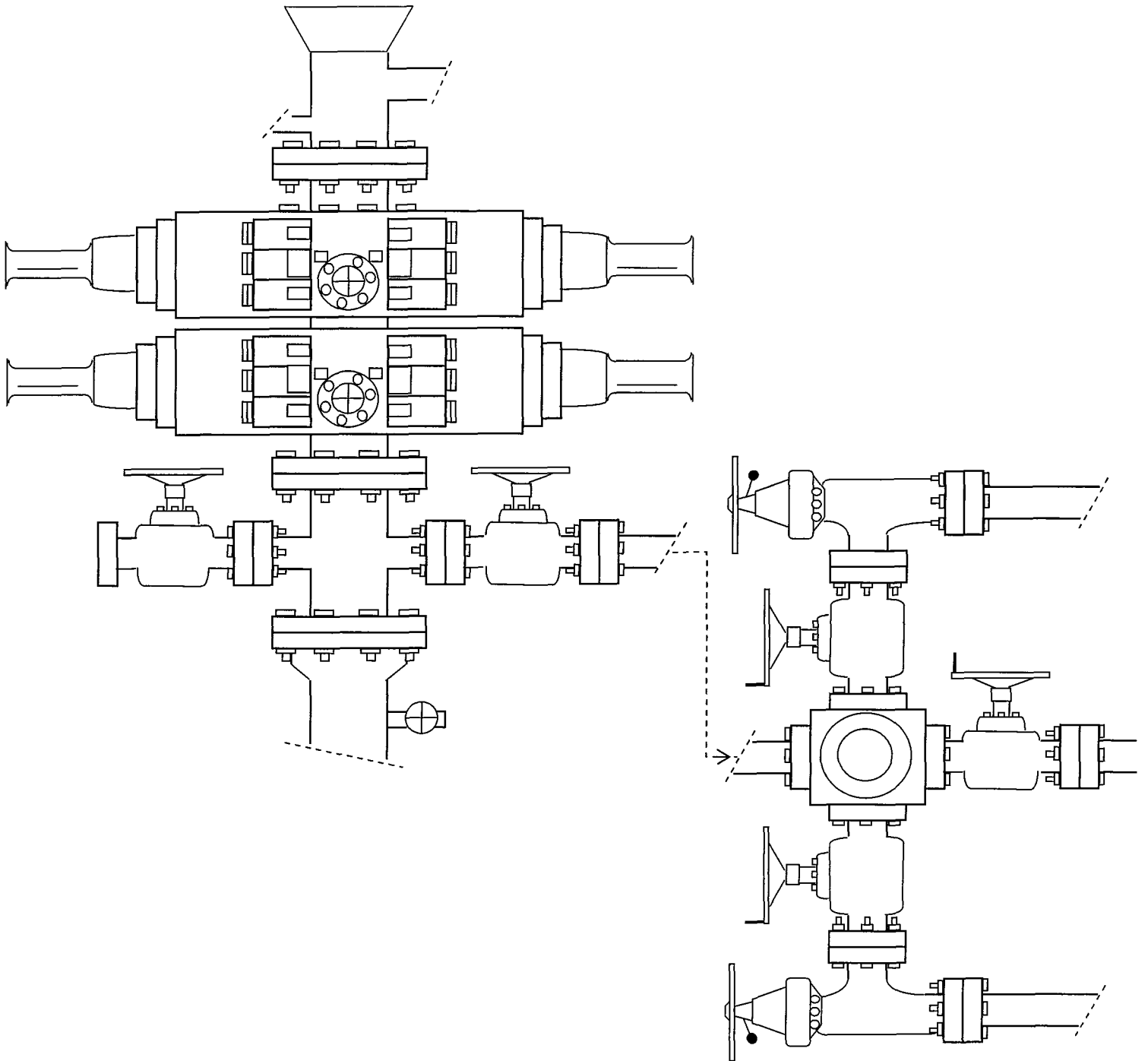


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0709b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/13/2006

API NO. ASSIGNED: 43-013-33020

WELL NAME: FEDERAL 5-21-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNW 21 090S 160E

SURFACE: 2033 FNL 0551 FWL

BOTTOM: 2033 FNL 0551 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01798 LONGITUDE: -110.1311

UTM SURF EASTINGS: 574151 NORTHINGS: 4429904

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- ☒ Plat
- ☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
- ☒ Potash (Y/N)
- ☒ Oil Shale 190-5 (B) or 190-3 or 190-13
- ☒ Water Permit
(No. MUNICIPAL)
- ☒ RDCC Review (Y/N)
(Date: _____)
- ☒ Fee Surf Agreement (Y/N)
- ☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

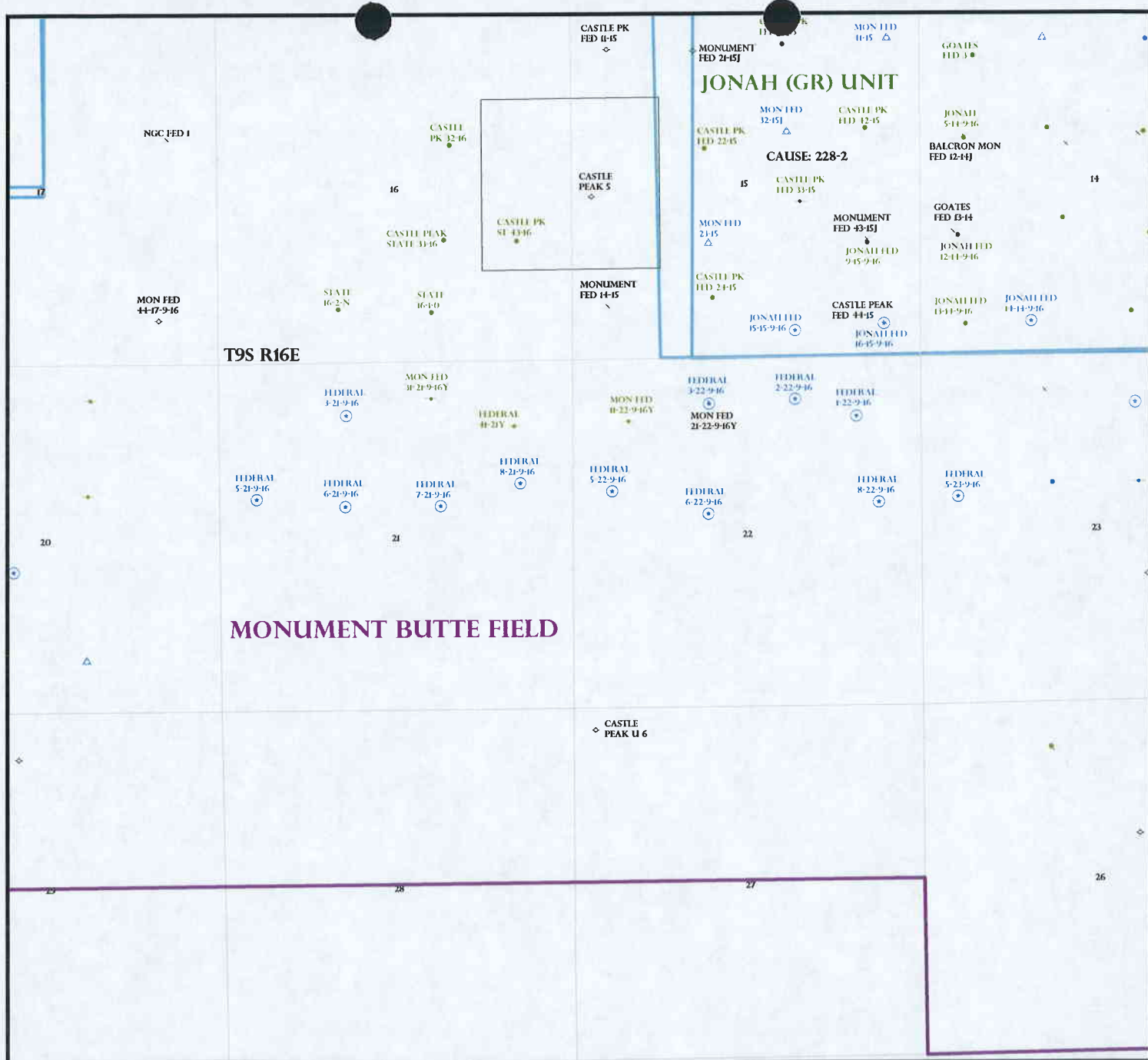
- ☐ R649-2-3.
- Unit: _____
- ☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ☐ R649-3-3. Exception
- ☐ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ☐ R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

*1- Federal Approval
2- Spacing Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21,22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

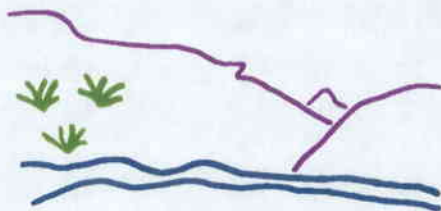
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 20-JANUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 23, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-21-9-16 Well, 2033' FNL, 551' FWL, SW NW, Sec. 21, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33020.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 5-21-9-16
API Number: 43-013-33020
Lease: UTU-64379

Location: SW NW Sec. 21 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

JAN 13 2006

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 5-21-9-16
9. API Well No. 43-013-33020
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 21, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone
2. Name of Operator Newfield Production Company
3a. Address Route #3 Box 3630, Myton UT 84052
3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2033' FNL 551' FWL At proposed prod. zone
14. Distance in miles and direction from nearest town or post office* Approximatley 21.7 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 607' f/lse, NA' f/unit
16. No. of Acres in lease 1626.36
17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1462'
19. Proposed Depth 5970'
20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6036' GL
22. Approximate date work will start* 1st Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/11/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kence</i>	Name (Printed/Typed) JERRY KENCE	Date 9-15-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

SEP 25 2006

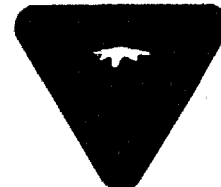
DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWNW, Sec 21, T9S, R16E
Well No: Federal 5-21-9-16 Lease No: UTU-64379
API No: 43-013-33020 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Natural Resource Specialist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Natural Resource Specialist) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Matt Baker) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Matt Baker) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. No drilling or surface disturbing activities are allowed 600' or less from live water.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
8. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
10. The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
11. Prevent fill and stock piles from entering drainages.
12. **CULTURAL AND PALEONTOLOGICAL RESOURCES** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized

officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

13. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.

14. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

15. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

16. The boulders >3' found at the surface or above ground will be saved for final reclamation.

17. Interim Reclamation (see below):

1. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

ii. Interim Reclamation Seed Mix for location:

iii. Galleta grass *Hilaria jamesil* 6 lbs/acre

iv. Western wheatgrass *Pascopyrum smithii* 6 lbs/acre

1. Per Live Seed Total 12 lbs/acre

v. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

vi. There shall be no primary or secondary noxious weeds in the seed mixture.

vii. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.

viii. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

ix. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).

- e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-21-9-16

Api No: 43-013-33020 Lease Type: FEDERAL

Section 21 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/21/06

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 10/23/06 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTRY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3830
RAYTON, UT 84052

OPERATOR ACCT. NO. N2696

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15727	43-047-33019	Federal 3-21-9-16	NENW	21	9S	16E	DUCHESNE	10/24/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15728	43-013-33069	Federal 4-21-9-16	NWNNW	21	9S	16E	DUCHESNE	10/25/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15739	43-013-33020	Federal 5-21-9-16	SWNNW	21	9S	16E	DUCHESNE	10/21/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15730	43-013-33021	Federal 6-21-9-16	SENNW	21	9S	16E	DUCHESNE	10/22/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		

COMMENTS:											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		

- INSTRUCTIONS (See instructions on back of form):
- 1. Assign a new entry to a new well.
 - 2. Assign a new entry to an existing well group or unit well.
 - 3. Assign a new entry to an existing well, no matter existing entry.
 - 4. Assign a new entry to an existing well to a new entry.
 - 5. Assign a new entry to an existing well to a new entry.

1. For each COMMENT section, the appropriate Action Code was selected.

RECEIVED
OCT 25 2006
DIV. OF OIL, GAS & MINING

Signature: *Kim Kettie*
Kim Kettie
Production Analyst
October 25, 2006
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 5-21-9-16

9. API Well No.
4301333020

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 21 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/27/06 MIRU Patterson #155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5941.21/ KB. Cement with 330 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 31 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 96,000 #'s tension. Release rig @ 12:00AM 11/1/06.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

11/01/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 03 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5941.21

LAST CASING 8 5/8" SET # 322'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5950 Loggers TD 5971'
 HOLE SIZE 7 7/8"

Flt cllr @ 5919.74'
 OPERATOR Newfield Production Company
 WELL Federal 5-21-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson #155

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 3875.51' (6.05')					
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5907.74
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.22
		GUIDE shoe			8rd	A	0.65

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5943.21
TOTAL LENGTH OF STRING	5943.21	135	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.25		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	222.79	5	CASING SET DEPTH	5941.21
TOTAL	6150.75	140		

TOTAL CSG. DEL. (W/O THRDS)	6169.35	140	} COMPARE	
TIMING	1ST STAGE			
BEGIN RUN CSG.	1:00PM	10/31/2006	GOOD CIRC THRU JOB	Yes
CSG. IN HOLE	4:00PM	10/31/2006	Bbls CMT CIRC TO SURFACE	31bbls.
BEGIN CIRC	4:30PM	31-Oct	RECIPROCATED PIPE FOR	THRUSTROKE NA
BEGIN PUMP CMT	5:55PM	10/31/2006	DID BACK PRES. VALVE HOLD ?	Yes
BEGIN DSPL. CMT	7:00PM	10/31/2006	BUMPED PLUG TO	2140 PSI
PLUG DOWN	7:24PM	10/31/2006		

CEMENT USED		CEMENT COMPANY- B. J.
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	325	Prem-lite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake
		mixed @ 11.0 ppg W / 3.43 cf/sk yield
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		

COMPANY REPRESENTATIVE Don Bastian DATE 10/31/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-64379
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW Section 21 T9S R16E		8. Well Name and No. Federal 5-21-9-16
		9. API Well No. 4301333020
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESENE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA


TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 12/12/2006

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
DEC 13 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

152-14379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-21-9-16

9. API Well No.

4301333020

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 21 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/21/2006 MIRU NDSI NS # 1. Spud well @ 10:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.47' KB On 10/24/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Title

Drilling Foreman

Signature

[Signature]

Date

10/24/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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(Instructions on reverse)

RECEIVED

OCT 31 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 322.47

LAST CASING 8 5/8" set @ 322.47
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 5-21-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.48'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.62
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	312.47
TOTAL LENGTH OF STRING	312.47	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	322.47

TOTAL	310.62	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	310.62	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	10/21/2006	10:00 AM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE		10/21/2006	5:00 PM	Bbls CMT CIRC TO SURFACE <u>4</u>
BEGIN CIRC		10/24/2006	8:34 AM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT		10/24/2006	8:48 AM	
BEGIN DSPL. CMT		10/24/2006	8:58 AM	BUMPED PLUG TO <u>515</u> PSI
PLUG DOWN		10/24/2006	9:06 AM	

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Troy ZufeltDATE 10/24/2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

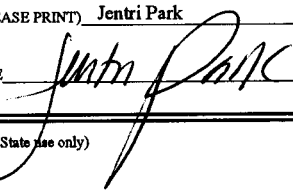
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		8. WELL NAME and NUMBER: Federal 5-21-9-16
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 21, T9S, R16E		9. API NUMBER: 4301333020
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
STATE: UT		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/28/2006			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Status report for time period 11/09/06 - 12/02/06

Subject well had completion procedures initiated in the Green River formation on 11-09-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5852'-5860'); Stage #2 (5724'-5732') Stage #3 (5482'-5502') Stage #4 (4584'-4592'), (4638'-4652'), (4686'-4701'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-28-2006. Bridge plugs were drilled out and well was cleaned to 5926'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-02-2006.

NAME (PLEASE PRINT) Jentri Park	TITLE Production Clerk
SIGNATURE 	DATE 12/28/2006

(This space for State use only)

RECEIVED
JAN 02 2007
DIV. OF OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

2033' FNL & 551' FWL (SW/NW) Sec. 21, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33020

DATE ISSUED

01/23/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUNDED

10/21/06

16. DATE T.D. REACHED

10/31/06

17. DATE COMPL. (Ready to prod.)

12/02/06

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6036' GL

6048' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5950'

21. PLUG BACK T.D., MD & TVD

5926'

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4584'-5860'

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5941'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5822'	TA @ 5653'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5852'-5860'	.46"	4/32	5852'-5860'	Frac w/ 24,030# 20/40 sand in 364 bbls fluid
(CP4) 5724'-5732'	.43"	4/32	5724'-5732'	Frac w/ 37,476# 20/40 sand in 415 bbls fluid
(CP1) 5482'-5502'	.43"	4/80	5482'-5502'	Frac w/ 56,615# 20/40 sand in 467 bbls fluid
1&2) 4584'-4592', 4638'-4652', 4686'-4701'	.43"	4/148	4584'-4701'	Frac w/ 156,867# 20/40 sand in 1002 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION

DATE FIRST PRODUCTION 12/02/06	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump						WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 129	GAS--MCF. 0	WATER--BBL. 21	GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY
RECEIVED

35. LIST OF ATTACHMENTS

JAN 08 2007

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jepri Park

TITLE

Production Clerk

DATE 1/4/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-21-9-16	Garden Gulch Mkr	3585'	
				Garden Gulch 1	3799'	
				Garden Gulch 2	3904'	
				Point 3 Mkr	4137'	
				X Mkr	4413'	
				Y-Mkr	4444'	
				Douglas Creek Mkr	4556'	
				BiCarbonate Mkr	4787'	
				B Limestone Mkr	4866'	
				Castle Peak	5444'	
				Basal Carbonate	5880'	
				Total Depth (LOGGERS	5973'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000			
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
COUNTY: DUCHESNE		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/26/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company would like to request the approval to to open additional pay in the A3 sand in the subject well in a single stage. The target intervals include [5014-5016], [5006-5008] and [4998-5000]. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: <u>November 01, 2010</u> By: <u><i>Dan K. Quist</i></u>			
NAME (PLEASE PRINT) Sam Styles		PHONE NUMBER 303 893-0102			
SIGNATURE N/A		TITLE Engineering Tech DATE 10/25/2010			

Newfield Production Company**Federal 5-21-9-16****Procedure for: OAP A3. Tubing fracs****Well Status: See attached Wellbore Diagram****AFE #** Q4 master AFE**Engineer: Paul Weddle** pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117**PROCEDURE**

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,890**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	5014-5016
A3	5006-5008
A3	4998-5000

3spf

120deg phasing

3spf

120deg phasing

3spf

120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,945** and test to 4,000psi. PUH with packer to +/- **5,065**
- 4 RU frac equip. Frac the **A3** down tubing w/**65,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 7 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 8 Place SN @ ± 5687 and set TAC at ±5652' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 9 PU and RIH with a 2-1/2" x 1-3/4" x 22' RHAC pump, 6 x 1-1/2" weight rods, 227 x 3/4" guided rods, Space out with pony rods as necessary.
- 10 PWOP and track results for one month.

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06

K.B.: 6048, G.L.: 6036

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

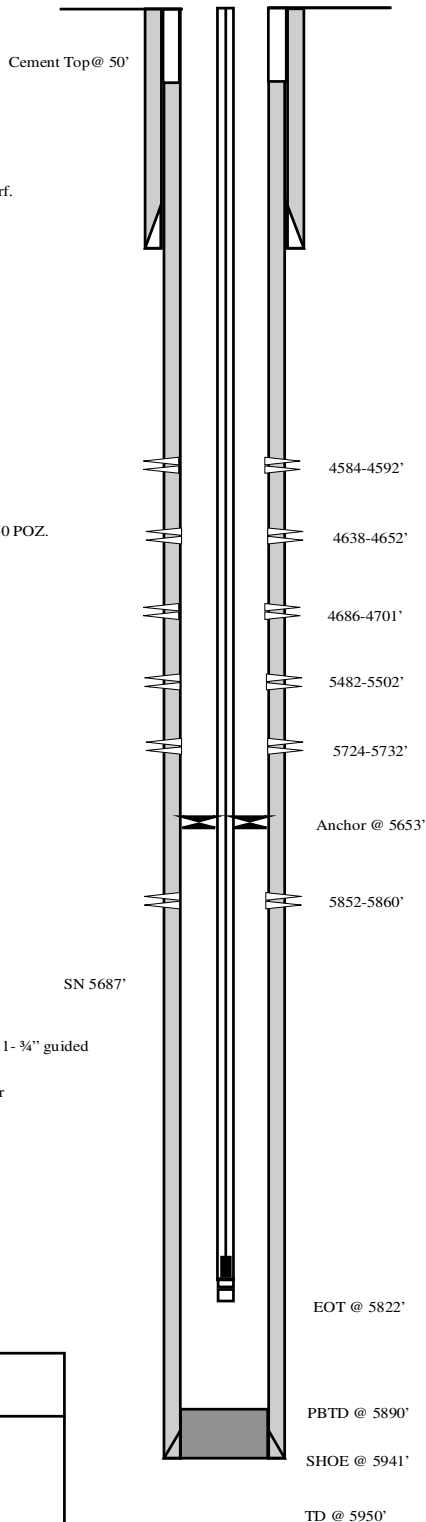
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4" x 3/4" pony rod, 100- 3/4" guided rods, 111- 3/4" guided rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

11/22/06 5852-5860' **Frac CP5 sands as follows:**
24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.

11/22/06 5724-5732' **Frac CP4 sands as follows:**
37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.

11/22/06 5482-5502' **Frac CP1 sands as follows:**
56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.

11/24/06 4584-4652' **Frac D1, D2 sands as follows:**
156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.

03/21/07 **Pump Change:** Updated rod and tubing detail.
6/1/2010 Pump change. Updated rod and tubing detail.
9/7/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes

NEWFIELD



Federal 5-21-9-16

2033' FNL & 55' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33020; Lease #UTU-64379

ML 7/9/2010

RECEIVED October 25, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64379

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:
Federal 5-21-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333020

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2033 FNL 551 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 21, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/25/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production. The following perforations were added in the Green River Formation:

A3 5014-5016' 3 JSPF 6 holes
A3 5006-5008' 3 JSPF 6 holes
A3 4998-5000' 3 JSPF 6 holes

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 10/28/2010

(This space for State use only)

RECEIVED
NOV 01 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 5-21-9-16****8/1/2010 To 12/30/2010****9/8/2010 Day: 1****Pump Change**

NC #1 on 9/8/2010 - MIRU NC#1, H/O Csg, U/S pmp, Flush Tbg, P/Tst Tbg, POOH W/-Rod Prod & pmp. N/U BOP, RIH W/Tbg To Fill @ 5882', L/D 3 Jts Tbg, SWI, C/SDFN. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$5,040**9/9/2010 Day: 2****Pump Change**

NC #1 on 9/9/2010 - POOH W/Tbg Prod, RIH Bail Fill Out To PBTD, POOH W/Tbg & Bailer - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI, 6:30-PM C/SDFN, 6:30PM 7:00 PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI,

6:30-PM C/SDFN, 6:30PM 7:00 PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI, 6:30-PM C/SDFN, 6:30PM 7:00 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$12,868

9/10/2010 Day: 3

Pump Change

NC #1 on 9/10/2010 - RIH W/-Rod Prod POP. - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$15,642

10/21/2010 Day: 1

Recompletion

WWS #5 on 10/21/2010 - MIRU Western rig #5. TOH W/ rod string & pump. NU BOP. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$9,553

10/22/2010 Day: 2**Recompletion**

WWS #5 on 10/22/2010 - TOH W/ production tbg. TIH W/ bit & scraper and C/O PBTB. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'.

Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'. Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'. Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$19,813

10/25/2010 Day: 3**Recompletion**

WWS #5 on 10/25/2010 - Con't TOH W/ B/S. Perf A3 sds. Run VES gyro survey. PU & TIH W/ frac tools and tbg. Breakdown & inject new perfs. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5073' & pkr @ 4944'. RU HO trk. Fill tbg W/ 20 BW & breakdown new perfs @ 1800 psi. Inject 5 BW into perfs @ 1 BPM @ 1400 psi. ISIP of 600 psi. Pump 60 BW dn annulus (caught pressure) & release pkr. Install frac valve & subs. Build circ stand & install circ rubber. SIFN W/ est 420 BWTR. - Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5073' & pkr @ 4944'. RU HO trk. Fill tbg W/ 20 BW & breakdown new perfs @ 1800 psi. Inject 5 BW into perfs @ 1 BPM @ 1400 psi. ISIP of 600 psi. Pump 60 BW dn annulus (caught pressure) & release pkr. Install frac valve & subs. Build circ stand & install circ rubber. SIFN W/ est 420 BWTR.

Daily Cost: \$0

Cumulative Cost: \$32,440

10/26/2010 Day: 4**Recompletion**

WWS #5 on 10/26/2010 - Frac well. Flow well. LD workstring. RIH w/ production. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$66,230**10/27/2010 Day: 5****Recompletion**

WWS #5 on 10/27/2010 - ND BOP. Set TAC w/ 18,000# tension. NU wellhead. RIH w/ rods. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RU pumping unit. Hang off rods. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$71,978**Pertinent Files: Go to File List**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 303 382-4443 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/26/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield Production Company would like to request the approval to to open additional pay in the A3 sand in the subject well in a single stage. The target intervals include [5014-5016], [5006-5008] and [4998-5000]. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: November 01, 2010

By: *Dan K. Quist*

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 10/25/2010

Newfield Production Company**Federal 5-21-9-16****Procedure for: OAP A3. Tubing fracs****Well Status: See attached Wellbore Diagram****AFE #** Q4 master AFE**Engineer: Paul Weddle** pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117**PROCEDURE**

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,890**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	5014-5016
A3	5006-5008
A3	4998-5000

3spf

120deg phasing

3spf

120deg phasing

3spf

120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,945** and test to 4,000psi. PUH with packer to +/- **5,065**
- 4 RU frac equip. Frac the **A3** down tubing w/**65,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 7 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 8 Place SN @ ± 5687 and set TAC at ±5652' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 9 PU and RIH with a 2-1/2" x 1-3/4" x 22' RHAC pump, 6 x 1-1/2" weight rods, 227 x 3/4" guided rods, Space out with pony rods as necessary.
- 10 PWOP and track results for one month.

RECEIVED October 25, 2010

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06

K.B.: 6048, G.L.: 6036

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

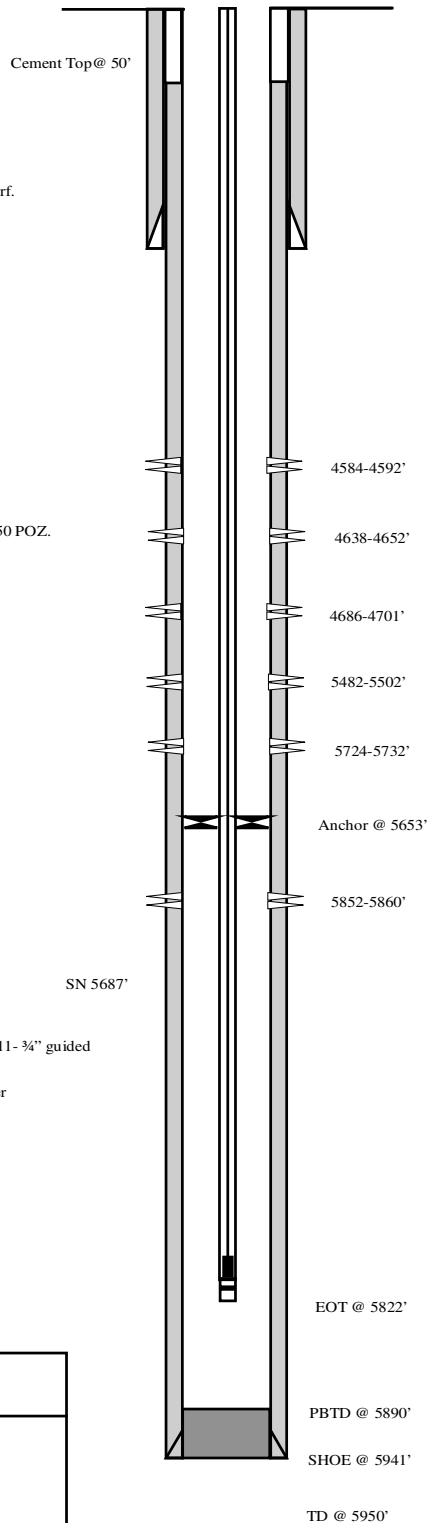
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4' x 3/4" pony rod, 100- 3/4" guided rods, 111- 3/4" guided rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

Date	Depth (ft)	Details
11/22/06	5852-5860'	Frac CP5 sands as follows: 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
11/22/06	5724-5732'	Frac CP4 sands as follows: 37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.
11/22/06	5482-5502'	Frac CP1 sands as follows: 56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.
11/24/06	4584-4652'	Frac D1, D2 sands as follows: 156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.
03/21/07		Pump Change: Updated rod and tubing detail.
6/1/2010		Pump change. Updated rod and tubing detail.
9/7/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

Date	Depth (ft)	Tool Joint	Holes
11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes

NEWFIELD

Federal 5-21-9-16

2033' FNL & 55' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33020; Lease #UTU-64379

ML 7/9/2010

RECEIVED October 25, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/14/2012	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 12/13/2012. On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 12/19/2012		Accepted by the Utah Division of Oil, Gas and Mining Date: December 24, 2012 By:

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 12/14/12 Time 9:00 am pm
Test Conducted by: Riley Bagley
Others Present: _____

Well: Federal S-21-9-14

Field: Monument Butte

Well Location: Federal S-21-9-14

API No: 4301333020

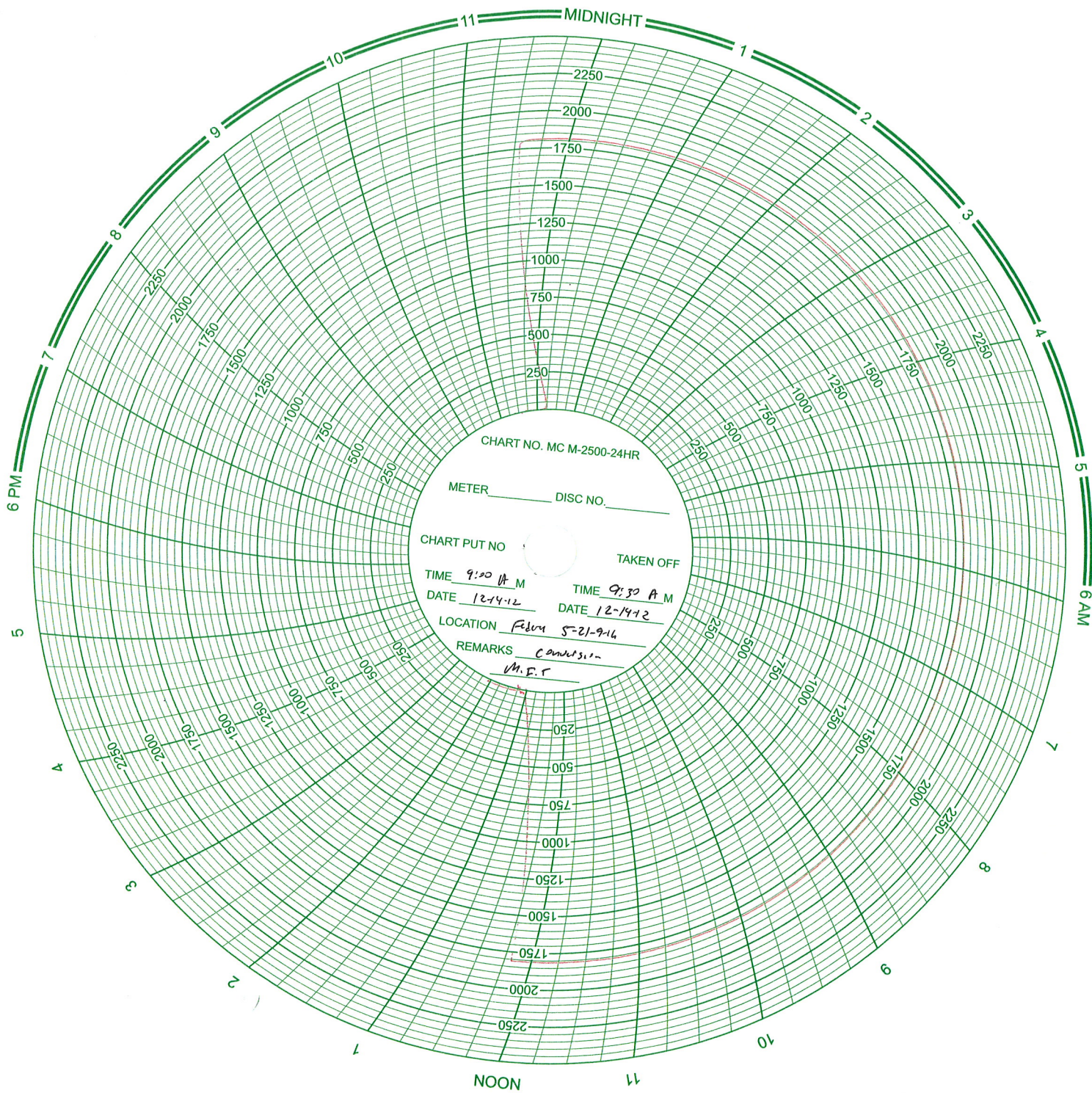
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1810</u>	psig
5	<u>1810</u>	psig
10	<u>1810</u>	psig
15	<u>1810</u>	psig
20	<u>1810</u>	psig
25	<u>1810</u>	psig
30 min	<u>1810</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley Bagley



Daily Activity Report

Format For Sundry

FEDERAL 5-21-9-16

10/1/2012 To 2/28/2013

12/11/2012 Day: 1

Conversion

Nabors #1423 on 12/11/2012 - MIRUSU, LD rods - RIG DOWN - PICK UP LOCATION - PRE - TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$17,354

12/12/2012 Day: 2

Conversion

Nabors #1423 on 12/12/2012 - POOH W/ 142 JTS BRAKING AND DOPING - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/U WORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8"

PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,695

12/13/2012 Day: 3

Conversion

Nabors #1423 on 12/13/2012 - FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/

TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$30,109

12/14/2012 Day: 4

Conversion

Nabors #1423 on 12/14/2012 - H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC **Finalized**

Daily Cost: \$0

Cumulative Cost: \$33,332

12/17/2012 Day: 5

Conversion

Rigless on 12/17/2012 - Conduct initial MIT - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810

psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$122,166

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/12/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: 	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 2:30 PM on 04/12/2013. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: May 01, 2013 By: </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/19/2013	

NEWFIELD



January 12, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 3-21-9-16, 5-21-9-16, 6-21-9-16, 7-21-9-16,
8-21-9-16, 3-22-9-16, 5-22-9-16, 6-22-9-16, and 7-22-9-16.

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 6-22-9-16 is an Exception Location. Our Land Department will send you the required Exception Location Letter. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mandie Crozier".

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

JAN 13 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

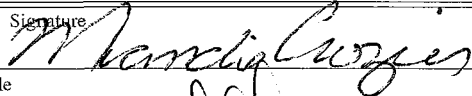
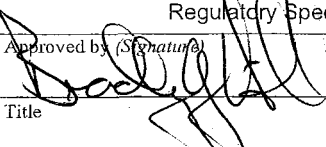
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-64379
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 5-21-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SW/NW 2033' FNL 551' FWL 574151 X 40.017980 At proposed prod. zone 4429904Y -110.131115		9. API Well No. 43-013-33020
14. Distance in miles and direction from nearest town or post office* Approximatley 21.7 miles southwest of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 607' f/lse, NA' f/unit		11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 21, T9S R16E
16. No. of Acres in lease 1626.36		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1462'		20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6036' GL		22. Approximate date work will start* 1st Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to ng release.		

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 1/11/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 01-23-06
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

JAN 13 2006

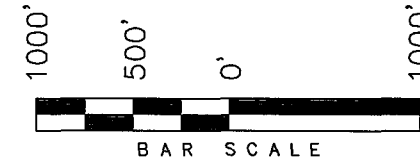
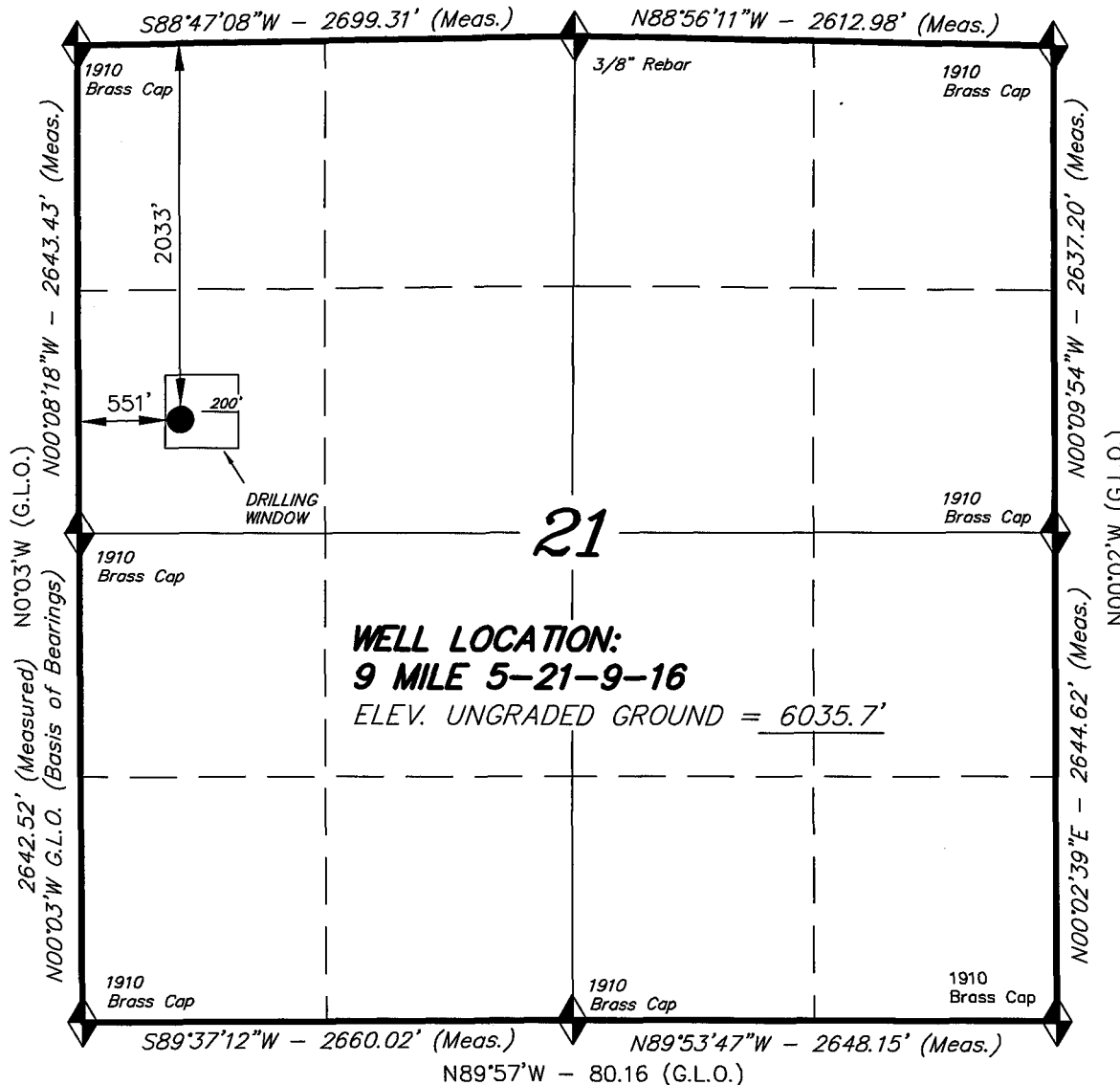
DIV. OF OIL, GAS & MINING

T9S, R16E, S.L.B.&M.

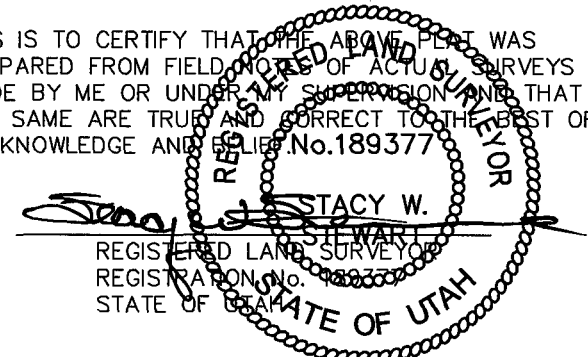
N89°57'W - 80.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-21-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 21, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-21-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 05.17"
LONGITUDE = 110° 07' 54.43"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-23-05	SURVEYED BY: K.G.S.
DATE DRAWN: 11-30-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-21-9-16
SW/NW SECTION 21, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2365'
Green River	2365'
Wasatch	5970'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2365' – 5970' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

NEWFIELD PRODUCTION COMPANY
FEDERAL #5-21-9-16
SW/NW SECTION 21, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #5-21-9-16 located in the SW 1/4 NW 1/4 Section 21, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 10.9 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 9.2 miles \pm to it's junction with the beginning of the proposed access road; proceed along the proposed access road - 40' \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

See attached Location Layout Diagram.

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 11/10/05. See attached report cover pages, Exhibit "D".

For the Federal #5-21-9-16 Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed access road. **Refer to Topographic Map "B".** The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 40' of disturbed area be granted in Lease UTU-64379 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Crested Wheatgrass	<i>Agropyron Cristatum</i>	4 lbs/acre
Needle and Threadgrass	<i>Stipa Comata</i>	4 lbs/acre
Indian Ricegrass	<i>Oryzopsis Hymenoides</i>	4 lbs/acre

Details of the On-Site Inspection

The proposed Federal #5-21-9-16 was on-sited on 11/3/05. The following were present; Shon Mckinnon (Newfeild Production), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #5-21-9-16 SW/NW Section 21, Township 9S, Range 16E: Lease UTU-64379 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/11/06

Date

Mandie Crozier

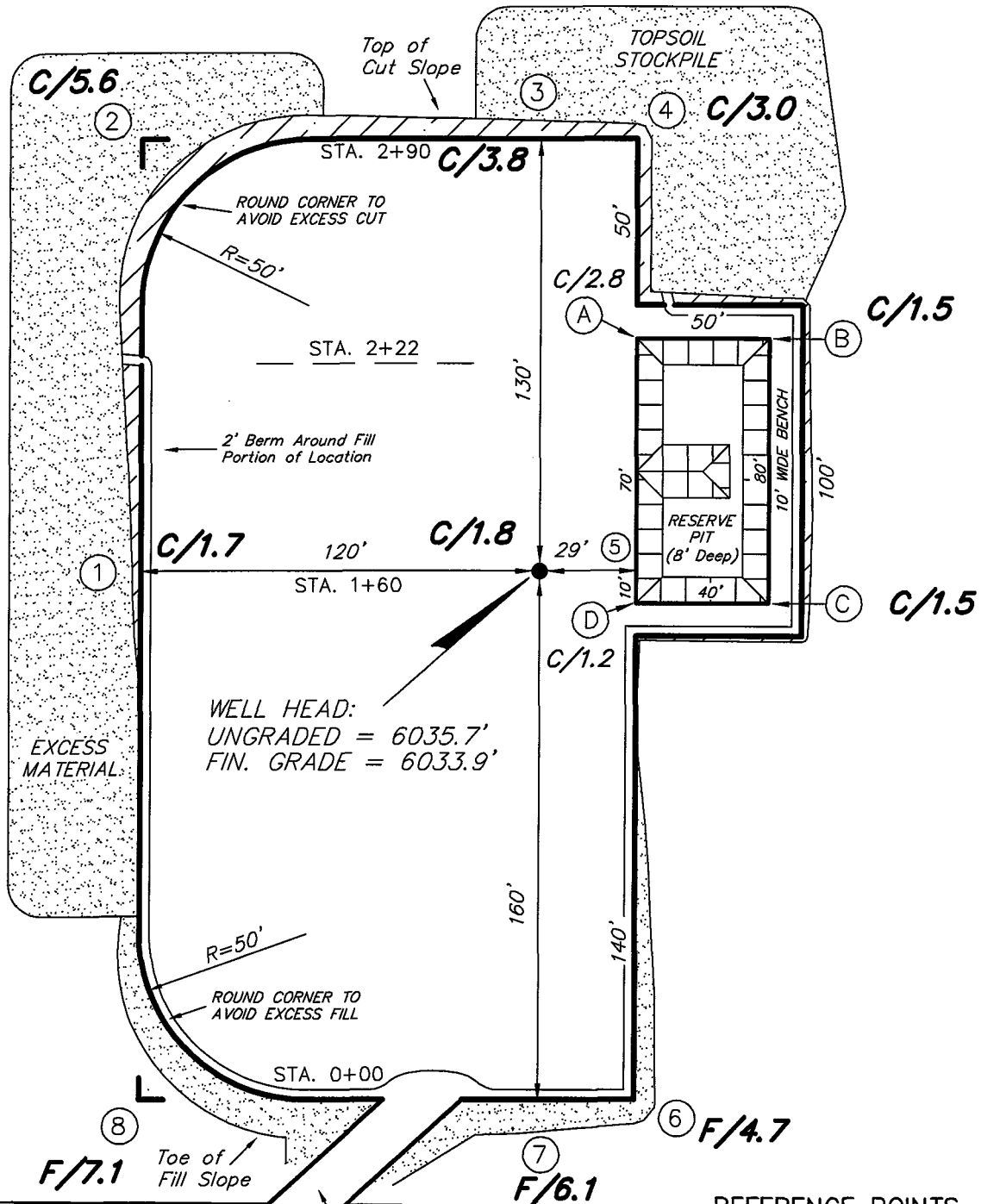
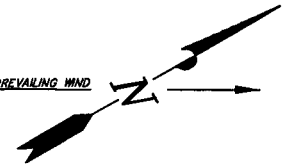
Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 5-21-9-16

Section 21, T9S, R16E, S.L.B.&M.

PREVAILING WIND



REFERENCE POINTS

180' NORTHWEST = 6037.8'
 230' NORTHWEST = 6037.4'
 170' SOUTHWEST = 6036.0'
 220' SOUTHWEST = 6036.5'

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-30-05

Tri State
 Land Surveying, Inc.

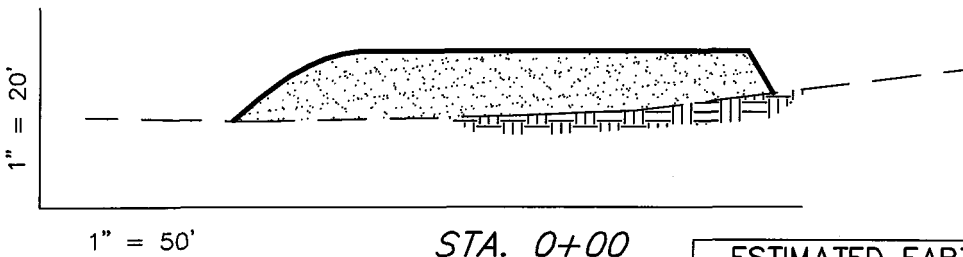
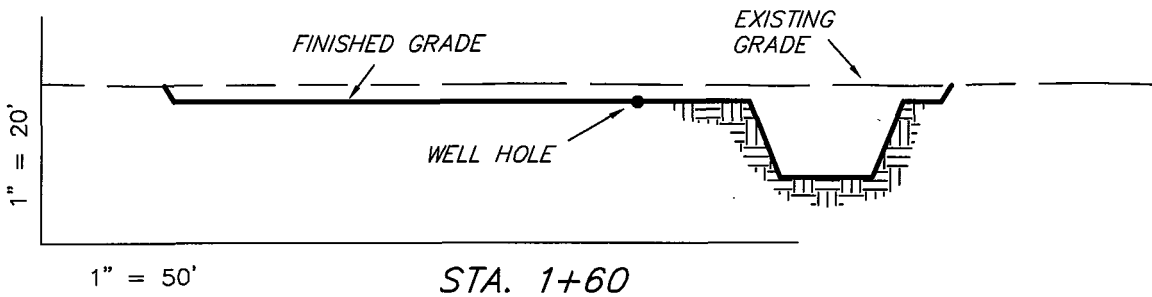
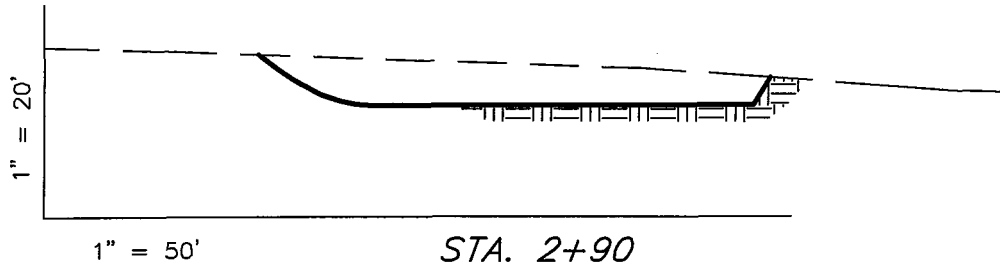
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 5-21-9-16



NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,460	2,460	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,100	2,460	970	640

SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

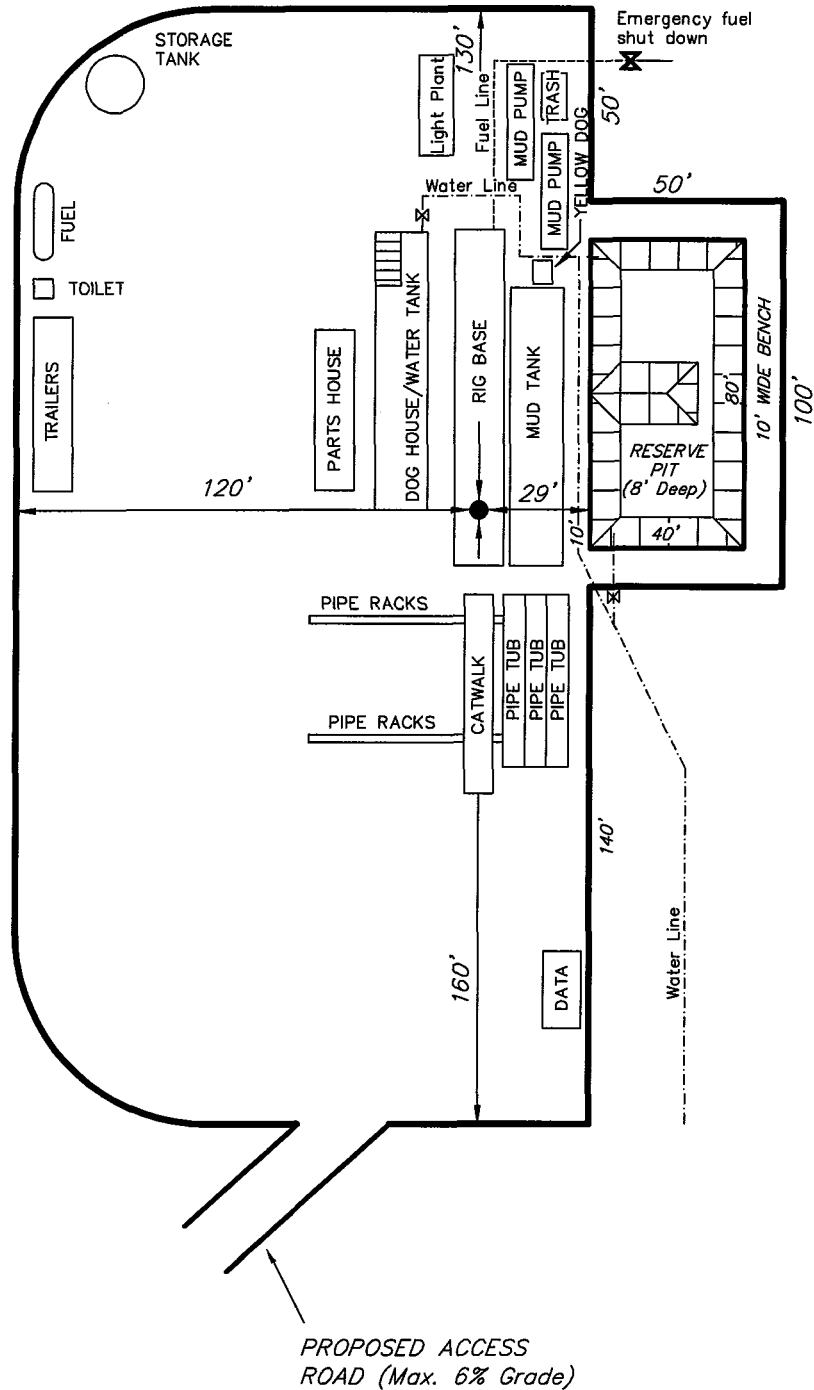
DATE: 11-30-05

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 5-21-9-16



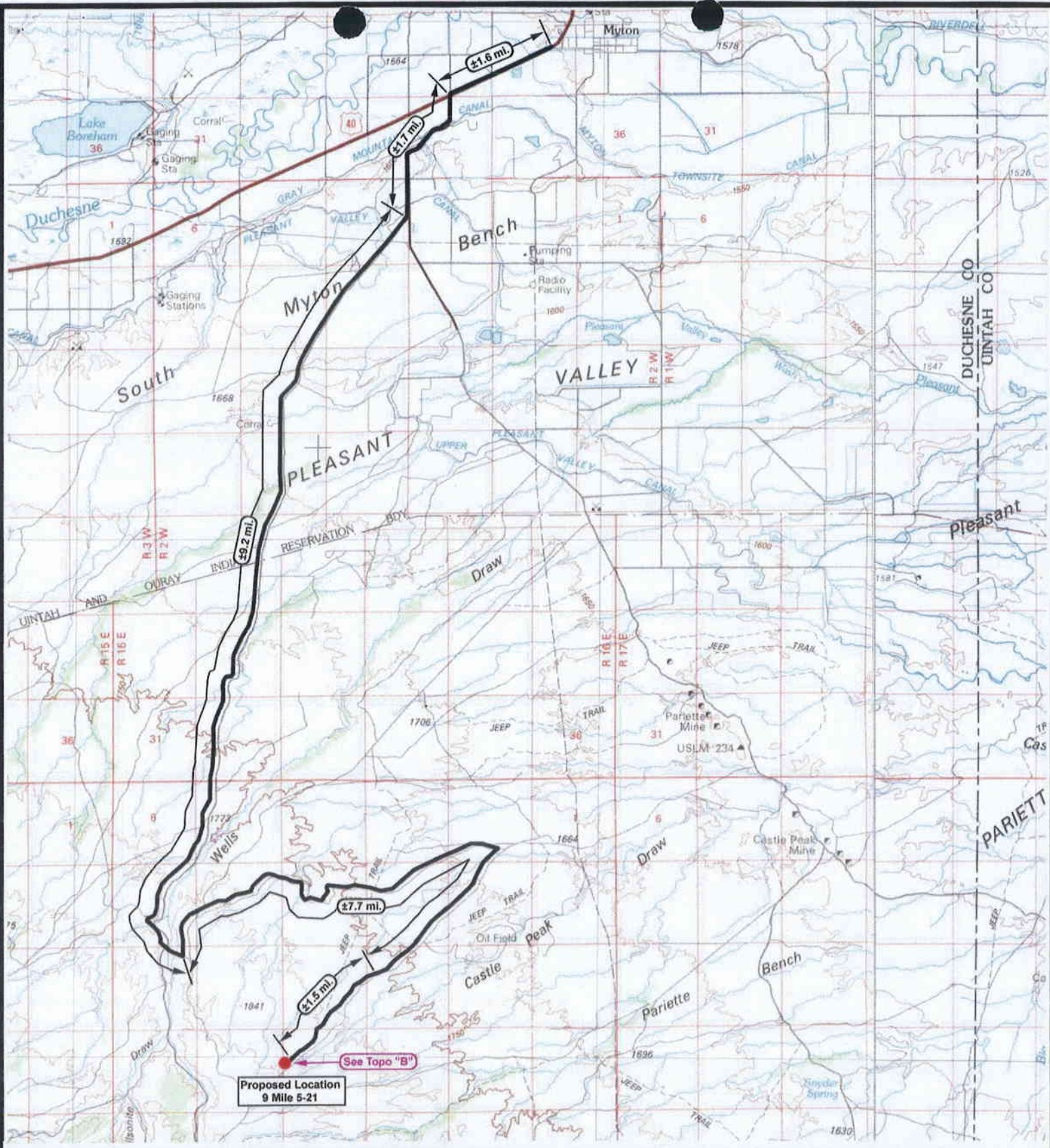
SURVEYED BY: K.G.S.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 11-30-05

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

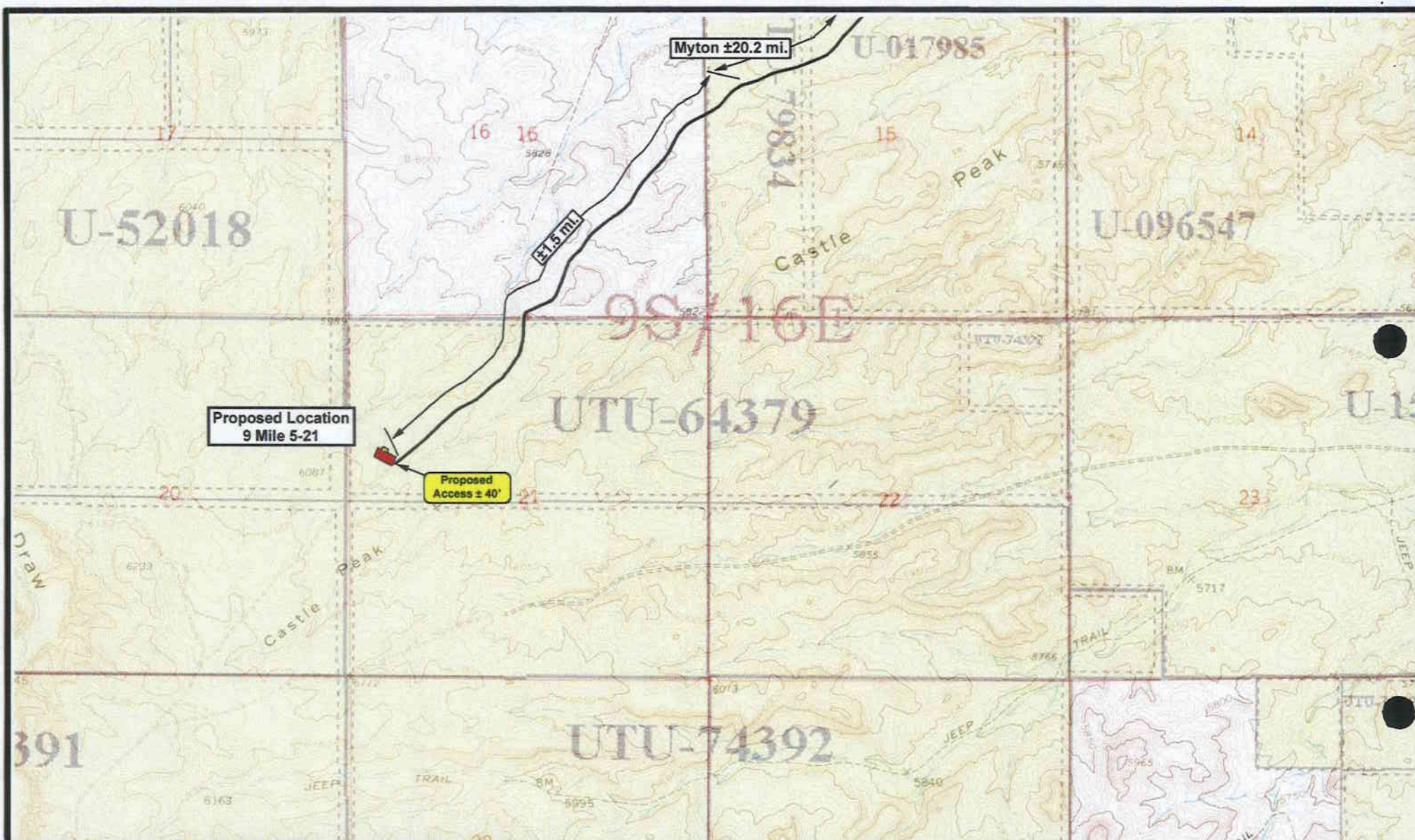
SCALE: 1 = 100,000
DRAWN BY: niw
DATE: 12-08-2005

Legend

Existing Road

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.

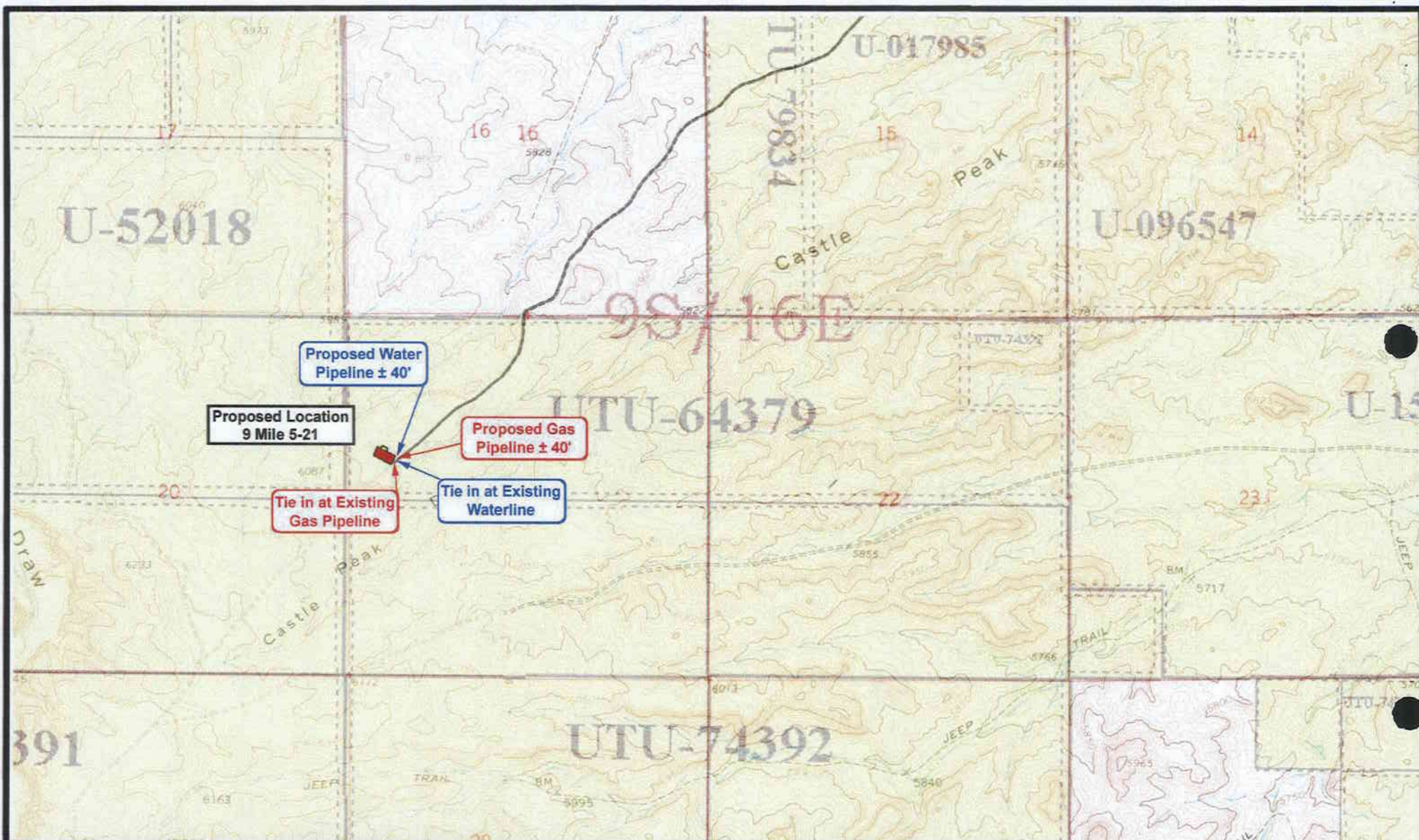


Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-08-2005

Legend
Existing Road
Proposed Access

"B"



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

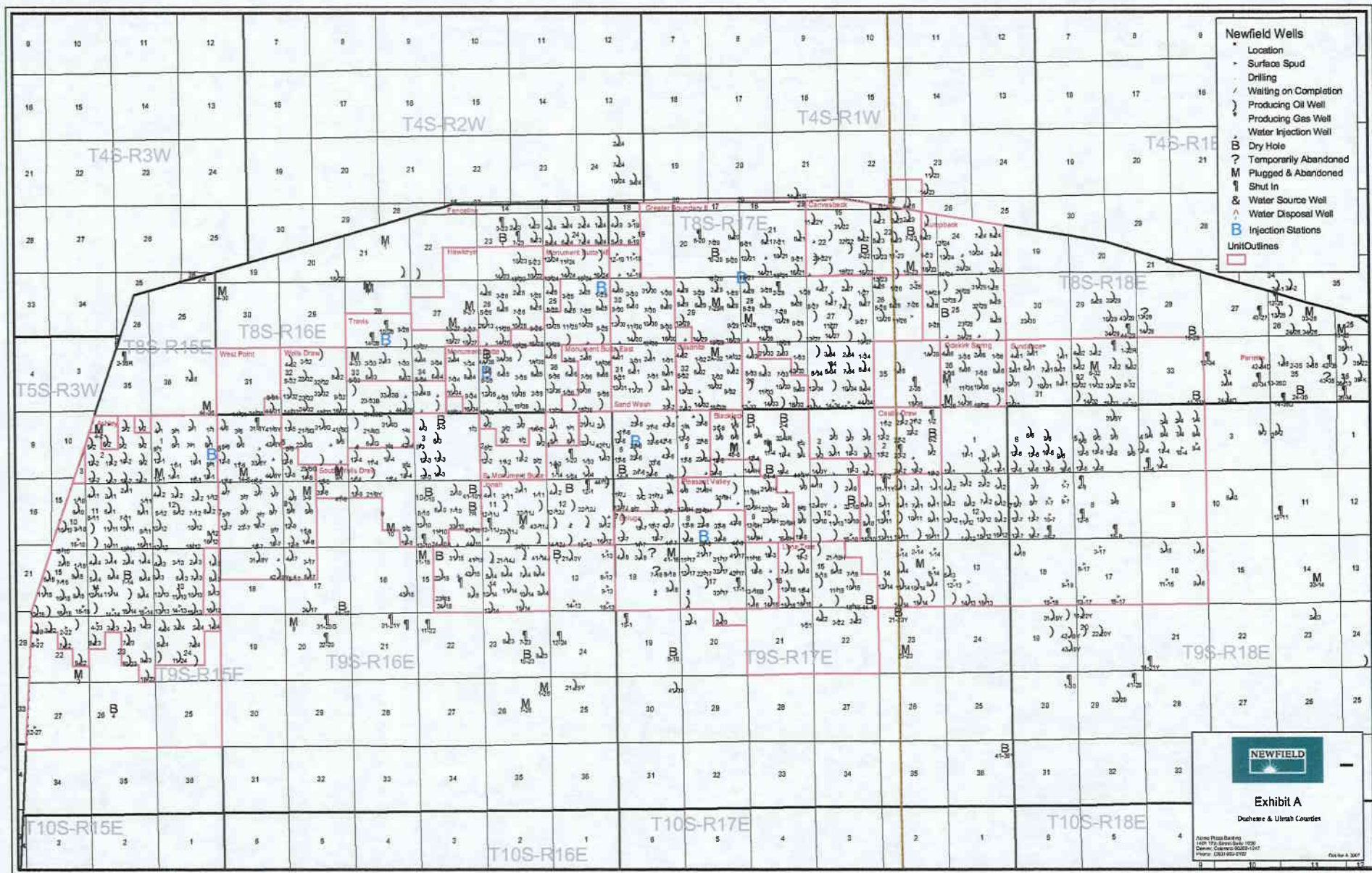
DRAWN BY: mw

DATE: 12-08-2005

Legend

- Roads
- Proposed Gas Line
- Proposed Water Line

"C"



UTU-64379

U-40894

U-017985

U-52018

Proposed Location
9 Mile 5-21

UTU-64379

UTU-74392



NEWFIELD
Exploration Company

9 Mile 5-21-9-16
SEC. 21, T9S, R16E, S.L.B.&M.



*Tri-State
Land Surveying Inc.*
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 12-08-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

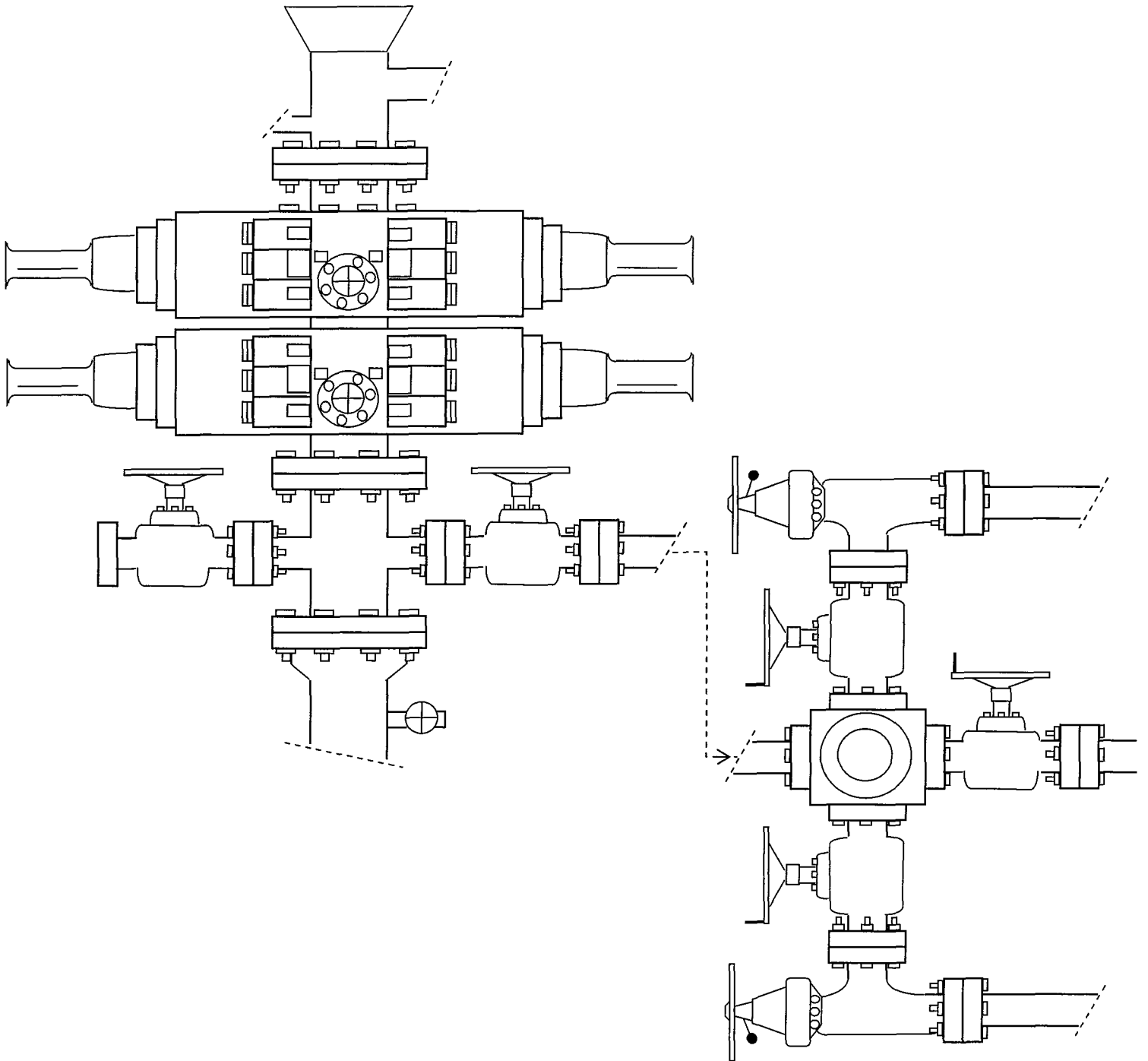


EXHIBIT C

Exhibit "D"

Page 1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22,
DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 147
Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-05-MQ-0709b

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE COUNTY, UTAH**

Section 8, T 9 S, R 16 E [SW 1/4 & SE 1/4, NE 1/4; and SE 1/4]; Section 17, T 9 S, R 16 E [NE 1/4; NE 1/4, NW 1/4 & SW 1/4, SE 1/4; NE 1/4, NW 1/4, & SW 1/4, SW 1/4]; Section 19, T 9 S, R 16 E [entire section]; Section 20, T 9 S, R 16 E [excluding NW 1/4, NE 1/4; and NW 1/4 & SE 1/4, NW 1/4]; Section 21, T 9 S, R 16 E [excluding NE 1/4 & NW 1/4, NE 1/4]

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
November 10, 2005

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/13/2006

API NO. ASSIGNED: 43-013-33020

WELL NAME: FEDERAL 5-21-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SWNW 21 090S 160E

SURFACE: 2033 FNL 0551 FWL

BOTTOM: 2033 FNL 0551 FWL

COUNTY: DUCHESNE

LATITUDE: 40.01798 LONGITUDE: -110.1311

UTM SURF EASTINGS: 574151 NORTHINGS: 4429904

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-64379

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

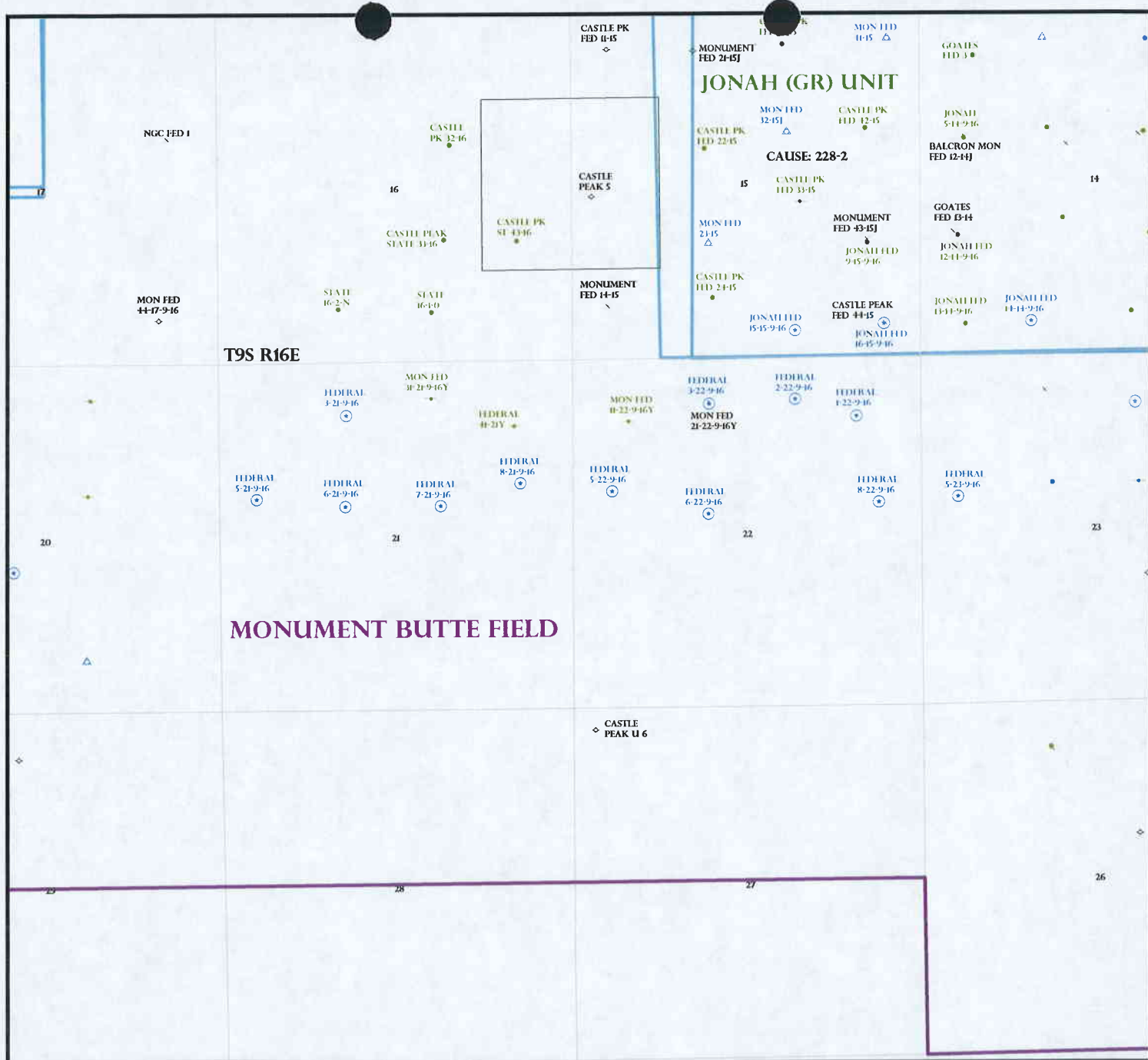
___ R649-2-3.
Unit: _____
☒ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
___ R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

*1- Federal Approval
2- Spacing Strip*



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 21,22 T. 9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

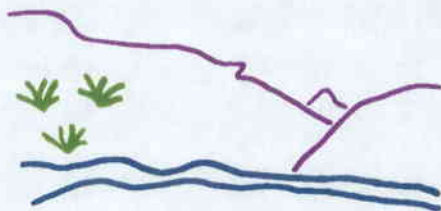
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 20-JANUARY-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

January 23, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 5-21-9-16 Well, 2033' FNL, 551' FWL, SW NW, Sec. 21, T. 9 South,
R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33020.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 5-21-9-16
API Number: 43-013-33020
Lease: UTU-64379

Location: SW NW Sec. 21 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

RECEIVED

JAN 13 2006

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No. UTU-64379
6. If Indian, Allottee or Tribe Name N/A
7. If Unit or CA Agreement, Name and No. N/A
8. Lease Name and Well No. Federal 5-21-9-16
9. API Well No. 43-013-33020
10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area SW/NW Sec. 21, T9S R16E
12. County or Parish Duchesne
13. State UT

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone
2. Name of Operator Newfield Production Company
3a. Address Route #3 Box 3630, Myton UT 84052
3b. Phone No. (include area code) (435) 646-3721
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NW 2033' FNL 551' FWL At proposed prod. zone
14. Distance in miles and direction from nearest town or post office* Approximatley 21.7 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 607' f/lse, NA' f/unit
16. No. of Acres in lease 1626.36
17. Spacing Unit dedicated to this well 40 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1462'
19. Proposed Depth 5970'
20. BLM/BIA Bond No. on file UTB000192
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6036' GL
22. Approximate date work will start* 1st Quarter 2006
23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 1/11/06
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kence</i>	Name (Printed/Typed) JERRY KENCE	Date 9-15-2006
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

SEP 25 2006

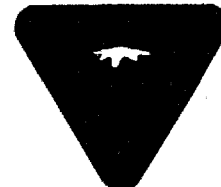
DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East VERNAL, UT 84078 (435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company Location: SWNW, Sec 21, T9S, R16E
Well No: Federal 5-21-9-16 Lease No: UTU-64379
API No: 43-013-33020 Agreement: N/A

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-781-4513		Fax: 435-781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

- | | | |
|---|---|--|
| Location Construction
(Notify Natural Resource Specialist) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
| Location Completion
(Notify Natural Resource Specialist) | - | Prior to moving on the drilling rig. |
| Spud Notice
(Notify Matt Baker) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests
(Notify Jamie Sparger) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice
(Notify Matt Baker) | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed November 21, 2005. If the well has not been spudded by November 21, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
2. All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.
3. Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel will not be allowed.
4. No drilling or surface disturbing activities are allowed 600' or less from live water.
5. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
6. The reserve pit will be lined with a 16 ml or greater liner prior to spudding.
7. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
8. The liner is to be cut 5 feet below ground or at the level of the cuttings, whichever is deeper and the excess liner material is to be disposed of at an authorized disposal site.
9. When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.
10. The well pad and access/pipeline require monitoring by a qualified Paleontologist prior to and during any surface disturbing activities.
11. Prevent fill and stock piles from entering drainages.
12. **CULTURAL AND PALEONTOLOGICAL RESOURCES** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized

officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

13. The access road will be crowned and ditched. Flat-bladed roads are **NOT** allowed.

14. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

15. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.

16. The boulders >3' found at the surface or above ground will be saved for final reclamation.

17. Interim Reclamation (see below):

1. Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is converted to an injection well, the topsoil will be spread and re-contoured on the location and immediately seeded with the seed mix below.

ii. Interim Reclamation Seed Mix for location:

iii. Galleta grass	<i>Hilaria jamesil</i>	6 lbs/acre
iv. Western wheatgrass	<i>Pascopyrum smithii</i>	<u>6 lbs/acre</u>
1. Per Live Seed Total		12 lbs/acre

v. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

vi. There shall be no primary or secondary noxious weeds in the seed mixture.

vii. Once the location is plugged and abandoned contact the Authorized Officer for final reclamation plans.

viii. The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

ix. The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture will be doubled and the area raked or chained to cover the seed.

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. A variance is granted for O.O. #2 III. E. 1.
 - a. The blooie line shall be straight or have targeted tees for bends in the line.
 - b. Not requiring an automatic igniter or continuous pilot on the blooie line
2. Run a cement bond log from TD to the base of the surface casing shoe.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
3. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).

- e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: FEDERAL 5-21-9-16

Api No: 43-013-33020 Lease Type: FEDERAL

Section 21 Township 09S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 10/21/06

Time 10:00 AM

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 10/23/06 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTRY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3830
RAYTON, UT 84052

OPERATOR ACCT. NO. N2696

ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15727	43-047-33019	Federal 3-21-9-16	NENW	21	9S	16E	DUCHESNE	10/24/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15728	43-013-33069	Federal 4-21-9-16	NWNNW	21	9S	16E	DUCHESNE	10/25/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15739	43-013-33020	Federal 5-21-9-16	SWNNW	21	9S	16E	DUCHESNE	10/21/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		
A	99999	15730	43-013-33021	Federal 6-21-9-16	SENNW	21	9S	16E	DUCHESNE	10/22/06	10/26/06

COMMENTS: <i>GRPV</i>											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		

COMMENTS:											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		

COMMENTS:											
ENTRY NO.	CURRENT ENTRY NO.	NEW ENTRY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					Q3	SC	TP	RG	COUNTY		

- INSTRUCTIONS (See instructions on back of form):
- 1. Assign a new entry to a new well.
 - 2. Assign a new entry to an existing well group or unit well.
 - 3. Assign a new entry to an existing well, no matter existing entry.
 - 4. Assign a new entry to an existing well to a new entry.
 - 5. Assign a new entry to an existing well to a new entry.

1. For each COMMENT section, the appropriate Action Code was selected.

RECEIVED
OCT 25 2006

DIV. OF OIL, GAS & MINING

Signature: *Kim Kettie*
Kim Kettie
Production Analyst
October 25, 2006
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
USA UTU-64379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.
FEDERAL 5-21-9-16

9. API Well No.
4301333020

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESE, UT

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 21 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/27/06 MIRU Patterson #155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5950'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 135 jt's of 5.5 J-55, 15.5# csgn. Set @ 5941.21/ KB. Cement with 330 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 31 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 96,000 #'s tension. Release rig @ 12:00AM 11/1/06.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

Don Bastian

Title

Drilling Foreman

Date

11/01/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

RECEIVED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

NOV 03 2006
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5941.21

LAST CASING 8 5/8" SET # 322'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5950 Loggers TD 5971'
 HOLE SIZE 7 7/8"

Flt cllr @ 5919.74'
 OPERATOR Newfield Production Company
 WELL Federal 5-21-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson #155

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		Short jt 3875.51' (6.05')						
134	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5907.74	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.22	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				5943.21
TOTAL LENGTH OF STRING		5943.21	135	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		222.79	5	CASING SET DEPTH				5941.21
TOTAL		6150.75	140	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6169.35	140					
TIMING		1ST STAGE						
BEGIN RUN CSG.		1:00PM	10/31/2006	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		4:00PM	10/31/2006	Bbls CMT CIRC TO SURFACE				31bbls.
BEGIN CIRC		4:30PM	31-Oct	RECIPROCATED PIPE FOR				THRUSTROKE NA
BEGIN PUMP CMT		5:55PM	10/31/2006	DID BACK PRES. VALVE HOLD ?				Yes
BEGIN DSPL. CMT		7:00PM	10/31/2006	BUMPED PLUG TO				2140 PSI
PLUG DOWN		7:24PM	10/31/2006					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	325	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Don Bastian DATE 10/31/2006

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-64379
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW Section 21 T9S R16E		8. Well Name and No. Federal 5-21-9-16
		9. API Well No. 4301333020
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESENE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA


TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 12/12/2006

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED
DEC 13 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

152-14379

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 5-21-9-16

9. API Well No.

4301333020

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNW Section 21 T9S R16E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/21/2006 MIRU NDSI NS # 1. Spud well @ 10:00 AM. Drill 320' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 322.47' KB On 10/24/2006 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Troy Zufelt

Title

Drilling Foreman

Signature

Date

10/24/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 31 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 322.47

LAST CASING 8 5/8" set @ 322.47
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 320' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Federal 5-21-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS # 1

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 44.48'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	310.62
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	312.47
TOTAL LENGTH OF STRING	312.47	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	322.47

TOTAL	310.62	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	310.62	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	Spud	10/21/2006	10:00 AM	GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE		10/21/2006	5:00 PM	Bbls CMT CIRC TO SURFACE <u>4</u>
BEGIN CIRC		10/24/2006	8:34 AM	RECIPROCATED PIPE FOR <u>N/A</u>
BEGIN PUMP CMT		10/24/2006	8:48 AM	
BEGIN DSPL. CMT		10/24/2006	8:58 AM	BUMPED PLUG TO <u>515</u> PSI
PLUG DOWN		10/24/2006	9:06 AM	

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Troy ZufeltDATE 10/24/2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052			PHONE NUMBER 435.646.3721	7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE:				8. WELL NAME and NUMBER: Federal 5-21-9-16
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 21, T9S, R16E				9. API NUMBER: 4301333020
				10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
				COUNTY: DUCHESNE
				STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

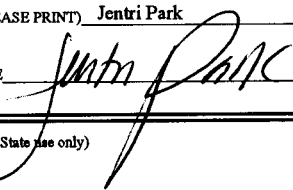
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/28/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 11/09/06 - 12/02/06

Subject well had completion procedures initiated in the Green River formation on 11-09-06 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5852'-5860'); Stage #2 (5724'-5732') Stage #3 (5482'-5502') Stage #4 (4584'-4592'), (4638'-4652'), (4686'-4701'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-28-2006. Bridge plugs were drilled out and well was cleaned to 5926'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12-02-2006.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk

SIGNATURE  DATE 12/28/2006

(This space for State use only)

RECEIVED
JAN 02 2007
DIV. OF OIL, GAS & MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒

GAS WELL ☐

DRY ☐

Other _____

1b. TYPE OF WELL

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR. ☐

Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

2033' FNL & 551' FWL (SW/NW) Sec. 21, T9S, R16E

At top prod. Interval reported below

At total depth

14. API NO.

43-013-33020

DATE ISSUED

01/23/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

10/21/06

16. DATE T.D. REACHED

10/31/06

17. DATE COMPL. (Ready to prod.)

12/02/06

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6036' GL

6048' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5950'

21. PLUG BACK T.D., MD & TVD

5926'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4584'-5860'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	322'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5941'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 5822'	TA @ 5653'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP5) 5852'-5860'	.46"	4/32	5852'-5860'	Frac w/ 24,030# 20/40 sand in 364 bbls fluid
(CP4) 5724'-5732'	.43"	4/32	5724'-5732'	Frac w/ 37,476# 20/40 sand in 415 bbls fluid
(CP1) 5482'-5502'	.43"	4/80	5482'-5502'	Frac w/ 56,615# 20/40 sand in 467 bbls fluid
1&2) 4584'-4592', 4638'-4652', 4686'-4701'	.43"	4/148	4584'-4701'	Frac w/ 156,867# 20/40 sand in 1002 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION

DATE FIRST PRODUCTION 12/02/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ----->	OIL--BBL. 129	GAS--MCF. 0	WATER--BBL. 21		GAS-OIL RATIO 0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE ----->	OIL-BBL.	GAS--MCF.	WATER--BBL.		OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY
RECEIVED

35. LIST OF ATTACHMENTS

JAN 08 2007

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jepri Park

TITLE

Production Clerk

DATE 1/4/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 5-21-9-16	Garden Gulch Mkr	3585'	
				Garden Gulch 1	3799'	
				Garden Gulch 2	3904'	
				Point 3 Mkr	4137'	
				X Mkr	4413'	
				Y-Mkr	4444'	
				Douglas Creek Mkr	4556'	
				BiCarbonate Mkr	4787'	
				B Limestone Mkr	4866'	
				Castle Peak	5444'	
				Basal Carbonate	5880'	
				Total Depth (LOGGERS	5973'	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000			
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/26/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company would like to request the approval to to open additional pay in the A3 sand in the subject well in a single stage. The target intervals include [5014-5016], [5006-5008] and [4998-5000]. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: <u>November 01, 2010</u> By: <u><i>Dan K. Quist</i></u>			
NAME (PLEASE PRINT) Sam Styles		PHONE NUMBER 303 893-0102			
SIGNATURE N/A		TITLE Engineering Tech DATE 10/25/2010			

Newfield Production Company

Federal 5-21-9-16

Procedure for: OAP A3. Tubing fracs

Well Status: See attached Wellbore Diagram

AFE # Q4 master AFE

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,890**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	5014-5016
A3	5006-5008
A3	4998-5000

3spf

120deg phasing

3spf

120deg phasing

3spf

120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,945** and test to 4,000psi. PUH with packer to +/- **5,065**
- 4 RU frac equip. Frac the **A3** down tubing w/**65,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 7 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 8 Place SN @ ± 5687 and set TAC at ±5652' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 9 PU and RIH with a 2-1/2" x 1-3/4" x 22' RHAC pump, 6 x 1-1/2" weight rods, 227 x 3/4" guided rods, Space out with pony rods as necessary.
- 10 PWOP and track results for one month.

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06
K.B.: 6048, G.L.: 6036

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

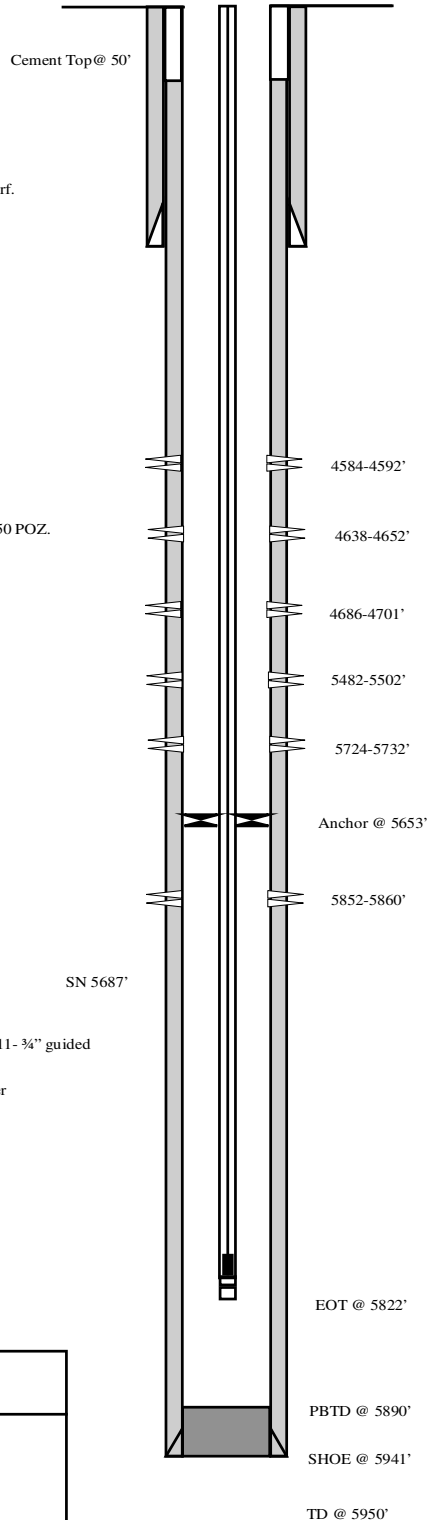
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4" x 3/4" pony rod, 100- 3/4" guided rods, 111- 3/4" guided rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

11/22/06 5852-5860' **Frac CP5 sands as follows:**
24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.

11/22/06 5724-5732' **Frac CP4 sands as follows:**
37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.

11/22/06 5482-5502' **Frac CP1 sands as follows:**
56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.

11/24/06 4584-4652' **Frac D1, D2 sands as follows:**
156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.

03/21/07 **Pump Change:** Updated rod and tubing detail.
6/1/2010 Pump change. Updated rod and tubing detail.
9/7/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes

NEWFIELD

Federal 5-21-9-16

2033' FNL & 55' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33020; Lease #UTU-64379

ML 7/9/2010

RECEIVED October 25, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-64379
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2033 FNL 551 FWL		8. WELL NAME and NUMBER: Federal 5-21-9-16
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW, 21, T9S, R16E		9. API NUMBER: 4301333020
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

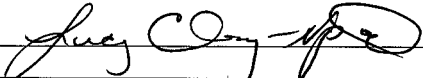
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/25/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production. The following perforations were added in the Green River Formation:

A3 5014-5016' 3 JSPF 6 holes
A3 5006-5008' 3 JSPF 6 holes
A3 4998-5000' 3 JSPF 6 holes

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>10/28/2010</u>

(This space for State use only)

RECEIVED
NOV 01 2010
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

FEDERAL 5-21-9-16

8/1/2010 To 12/30/2010

9/8/2010 Day: 1

Pump Change

NC #1 on 9/8/2010 - MIRU NC#1, H/O Csg, U/S pmp, Flush Tbg, P/Tst Tbg, POOH W/-Rod Prod & pmp. N/U BOP, RIH W/Tbg To Fill @ 5882', L/D 3 Jts Tbg, SWI, C/SDFN. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR. - 1:00PM MIRU NC#1, 12 Mile Rig Move. R/D Unit, D&M H/Oiler pmp 60 BW D/Csg. Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-5 BW, P/Tst Tbg To 3,000 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X22' Polish Rod, 3/4X4' Pony, 100-3/4 Guided Rods, 111-3/4 Slick Rods, 10-3/4 Guided Rods, 6-1 1/2 Wt Bars & pmp, Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, RIH W/-3 Jts Tbg To Fill @ 5882', 8' Of New Fill 44' Of Fill On PBTD @ 5926', POOH W/-3 Jts Tbg, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. 125 BWTR.

Daily Cost: \$0

Cumulative Cost: \$5,040

9/9/2010 Day: 2

Pump Change

NC #1 on 9/9/2010 - POOH W/Tbg Prod, RIH Bail Fill Out To PBTD, POOH W/Tbg & Bailer - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI, 6:30PM-7:00 PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI,

6:30-PM C/SDFN, 6:30PM 7:00 PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM POOH W/-175 Jts Tbg, T/A, 1 Jt Tbg, S/N, 1 Jt Tbg, PBGA, 2 7/8 Nipple, 3 Jts Tbg, Bull Plg. Had 6' Of Fill In Tail Jts. Scale On Out Side Of Tail Jts. D&M H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-Chisle, Chek, 2 7/8X2' Tbg Sub, Chek, 20 Jts Cavity, Bailer, Chek, 1 Jt Tbg, Drain, 162 Jts Tbg To Fill @ 5882', Bail Fill Out To PBTD @ 5926', H/Oiler pmp 30 BW D/Csg While Bailing Fill. POOH W/-2 Jts Tbg, Wait 20 Min, RIH To PBTD Cheks Holding Good. POOH W/-163 Jts Tbg,, Drain, 1 Jt Tbg, Chek, Bailer, 20 Jts Cavity W/- Fill In Cavity, Chek, Tbg Sub, Chek & Chisle. H/Oiler Flush Tbg W/-10 BW On TOOH Due To Oil. Had 50' Of Scale Fill In Cavity. P/U & RIH W/-Bull Plg, 3 Jts Tbg, 2 7/8 Nipple, PBGA, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 175 Jts Tbg, R/D R/Flr, N/D BOP, Set T/A In 18,000 Tension N/U W/HD. H/Oiler Flush Tbg W/-35 BW. SWI, 6:30-PM C/SDFN, 6:30PM 7:00 PM C/Trvl.

Daily Cost: \$0

Cumulative Cost: \$12,868

9/10/2010 Day: 3**Pump Change**

NC #1 on 9/10/2010 - RIH W/-Rod Prod POP. - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). - 5:30AM-6:00AM C/Trvl, 6:00AM P/U & RIH W/-CDI 2 1/2X1 1/2X16X20' RHAC, 6-1 1/2 Wt Bars, 10-3/4 Guided Rods, Bttm 2 New, 11103/4 Slick Rods, 100-3/4 Guided Rods, 3/4X4' Pony Rod, 1 1/2X22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-20 BW, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig. POP @ 9:30AM, 86" SL 5 SPM, 210 BWTR (Final Report). **Finalized**

Daily Cost: \$0

Cumulative Cost: \$15,642

10/21/2010 Day: 1**Recompletion**

WWS #5 on 10/21/2010 - MIRU Western rig #5. TOH W/ rod string & pump. NU BOP. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. - MIRU Western rig #5. RU HO trk & pump 60 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 5 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rod string & LD pump. Re-flushed rods twice on TOH W/ add'l 40 BW @ 250°F. ND wellhead & release TA @ 5653'. NU BOP. SIFN W/ est 145 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$9,553

10/22/2010 Day: 2**Recompletion**

WWS #5 on 10/22/2010 - TOH W/ production tbg. TIH W/ bit & scraper and C/O PBTD. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'.

Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'. Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. - RU HO trk & flush tbg W/ 50 BW @ 250°F. Pump 25 BW dn annulus @ 250°F. TOH W/ production tbg--LD BHA. MU & TIH W/ 4 3/4" tooth bit, 5 1/2" casing scraper & tbg. PU 3 jts work string to tag fill @ 5881'. RU power swivel. Gain circulation W/ 45 BW. Drill out sd to 5916'. Experiencing erratic torque and plugging problems. Leave fill @ 5916' & circ hole clean. Lost est 30 add'l BW. RD swivel. TOH W/ tbg to 1943'. SIFN W/ est 295 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$19,813

10/25/2010 Day: 3**Recompletion**

WWS #5 on 10/25/2010 - Con't TOH W/ B/S. Perf A3 sds. Run VES gyro survey. PU & TIH W/ frac tools and tbg. Breakdown & inject new perfs. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - RU HO trk & flush tbg W/ 40 BW @ 250°F. Con't TOH W/ tbg f/ 1943'--LD bit & scraper. RU Perforators LLC WLT, flange & packoff. RIH W/ 3-3 1/8" ported guns. Perf A3 sds as follows: 5014-16', 5006-08' & 4998-5000' (3 JSPF, 120° phasing W/ 11g charges, 0.36 EH & 16.82 pen.). RD WLT. RU Vaughn Energy Services & run gyro survey f/ WLTD of 5889' to sfc. RD VES. - Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5073' & pkr @ 4944'. RU HO trk. Fill tbg W/ 20 BW & breakdown new perfs @ 1800 psi. Inject 5 BW into perfs @ 1 BPM @ 1400 psi. ISIP of 600 psi. Pump 60 BW dn annulus (caught pressure) & release pkr. Install frac valve & subs. Build circ stand & install circ rubber. SIFN W/ est 420 BWTR. - Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5073' & pkr @ 4944'. RU HO trk. Fill tbg W/ 20 BW & breakdown new perfs @ 1800 psi. Inject 5 BW into perfs @ 1 BPM @ 1400 psi. ISIP of 600 psi. Pump 60 BW dn annulus (caught pressure) & release pkr. Install frac valve & subs. Build circ stand & install circ rubber. SIFN W/ est 420 BWTR. - Talley, PU & TIH W/ Weatherford 5 1/2" "TS" RBP, RH, tbg sub, 5 1/2" "HD" pkr & 2 7/8 8rd 6.5# N-80 tbg. Set plug @ 5073' & pkr @ 4944'. RU HO trk. Fill tbg W/ 20 BW & breakdown new perfs @ 1800 psi. Inject 5 BW into perfs @ 1 BPM @ 1400 psi. ISIP of 600 psi. Pump 60 BW dn annulus (caught pressure) & release pkr. Install frac valve & subs. Build circ stand & install circ rubber. SIFN W/ est 420 BWTR.

Daily Cost: \$0

Cumulative Cost: \$32,440

10/26/2010 Day: 4**Recompletion**

WWS #5 on 10/26/2010 - Frac well. Flow well. LD workstring. RIH w/ production. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN. - Set pkr. @ 4944'. RU BJ Services. Frac A3 sds as shown in stimulation report. RD BJ Services. Open tbg. to flat tank for immediate flowback @ approx. 3 bpm. Well flowed for 1 hr & died. Recovered 120 bbls. Release pkr. Circulate well clean. Reset pkr. @ 4944'. RIH w/ swab. SFL @ surface. Made 9 runs. Recovered 96 bbls. Trace of oil. No show of sand. EFL @ 2100'. RD swab. Release pkr. RIH w/ tbg. Tag fill @ 5033'. C/O to RBP @ 5073'. Circulate well clean. Release RBP. LD workstring. LD BHA. RIH w/ 2 7/8" bull plug, 3 jts 2 7/8" tbg., PBGA, 1 jt 2 7/8" tbg., 5 1/2" TAC & 175 jts 2 7/8" tbg. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$66,230**10/27/2010 Day: 5****Recompletion**

WWS #5 on 10/27/2010 - ND BOP. Set TAC w/ 18,000# tension. NU wellhead. RIH w/ rods. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RU pumping unit. Hang off rods. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. - Csg. @ 50 psi, tbg. @ 0 psi. Bleed off well. ND BOP. Set TAC @ 5652' w/ 18,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 3/4" x 20' x 24' RHAC rod pump, 6- 1 1/2" weight bars, 30- 3/4" guided rods, 91- 3/4" slick rods, 99- 3/4" guided rods, 1- 8', 6', 4' x 3/4" pony rods, 1 1/2" x 30' polished rod. Seat pump. Fill tbg. w/ 10 bbls water. Stroke test to 800 psi. Good pump action. RD. PWOP @ 12:00 p.m. 5 spm, 74" stroke length. Final Report. 900 BWTR. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$71,978**Pertinent Files: Go to File List**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000			
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		COUNTY: DUCHESNE			
STATE: UTAH					
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/26/2010 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield Production Company would like to request the approval to to open additional pay in the A3 sand in the subject well in a single stage. The target intervals include [5014-5016], [5006-5008] and [4998-5000]. Please see attachment for detailed procedure and well bore diagram and contact Paul Weddle at 303-383-4117 with any questions.					
Accepted by the Utah Division of Oil, Gas and Mining		Date: <u>November 01, 2010</u> By: <u><i>Dan K. Quist</i></u>			
NAME (PLEASE PRINT) Sam Styles		PHONE NUMBER 303 893-0102			
SIGNATURE N/A		TITLE Engineering Tech DATE 10/25/2010			

Newfield Production Company

Federal 5-21-9-16

Procedure for: OAP A3. Tubing fracs

Well Status: See attached Wellbore Diagram

AFE # Q4 master AFE

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,890**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

A3	5014-5016
A3	5006-5008
A3	4998-5000

3spf

120deg phasing

3spf

120deg phasing

3spf

120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **4,945** and test to 4,000psi. PUH with packer to +/- **5,065**
- 4 RU frac equip. Frac the **A3** down tubing w/**65,000**# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 6 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 7 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 8 Place SN @ ± 5687 and set TAC at ±5652' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 9 PU and RIH with a 2-1/2" x 1-3/4" x 22' RHAC pump, 6 x 1-1/2" weight rods, 227 x 3/4" guided rods, Space out with pony rods as necessary.
- 10 PWOP and track results for one month.

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06
K.B.: 6048, G.L.: 6036

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

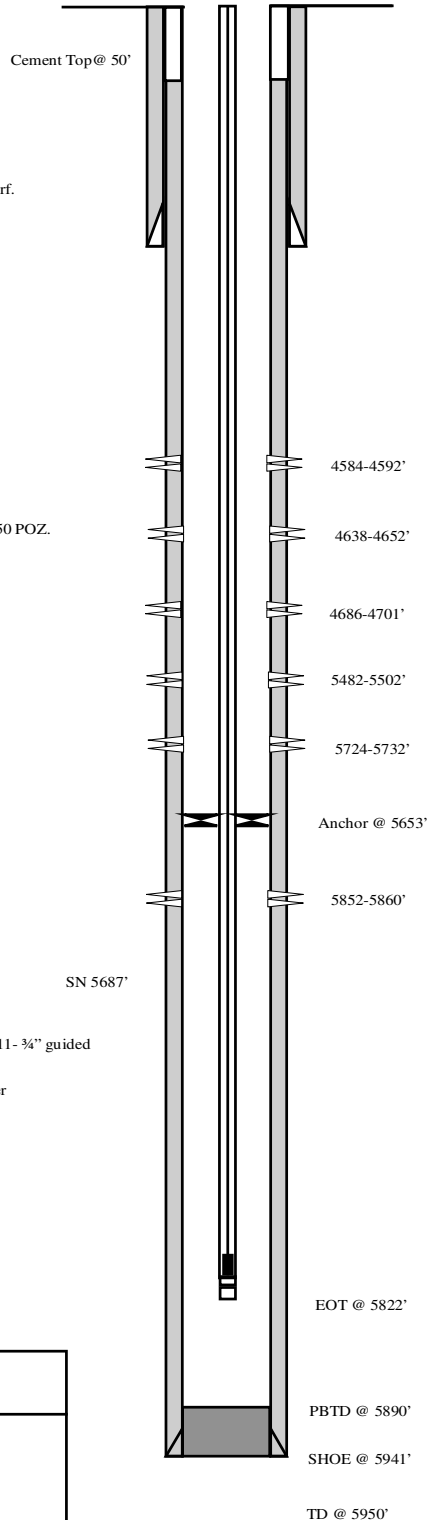
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4" x 3/4" pony rod, 100- 3/4" guided rods, 111- 3/4" guided rods, 10- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 20' x 16' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 4

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

11/22/06 5852-5860' **Frac CP5 sands as follows:**
24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.

11/22/06 5724-5732' **Frac CP4 sands as follows:**
37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.

11/22/06 5482-5502' **Frac CP1 sands as follows:**
56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.

11/24/06 4584-4652' **Frac D1, D2 sands as follows:**
156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.

03/21/07 **Pump Change:** Updated rod and tubing detail.
6/1/2010 Pump change. Updated rod and tubing detail.
9/7/2010 Pump change. Updated rod and tubing detail.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes

NEWFIELD

Federal 5-21-9-16

2033' FNL & 55' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33020; Lease #UTU-64379

ML 7/9/2010

RECEIVED October 25, 2010



June 14, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #5-21-9-16
Monument Butte Field, Lease #UTU-64379
Section 21-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #5-21-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg
Regulatory Lead

RECEIVED
JUN 18 2012
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #5-21-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-64379
JUNE 14, 2012

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: Federal #5-21-9-16
Field or Unit name: Monument Butte (Green River) Lease No. UTU-64379
Well Location: QQ SWNW section 21 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐
Disposal? Yes ☐ No ☒
Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____

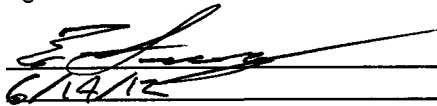
API number: 43-013-33020

Proposed injection interval: from 3900 to 5890
Proposed maximum injection: rate 500 bpd pressure 1930 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg Signature 
Title Regulatory Lead Date 6/14/12
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06
K.B.: 6048' G.L.: 6036'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

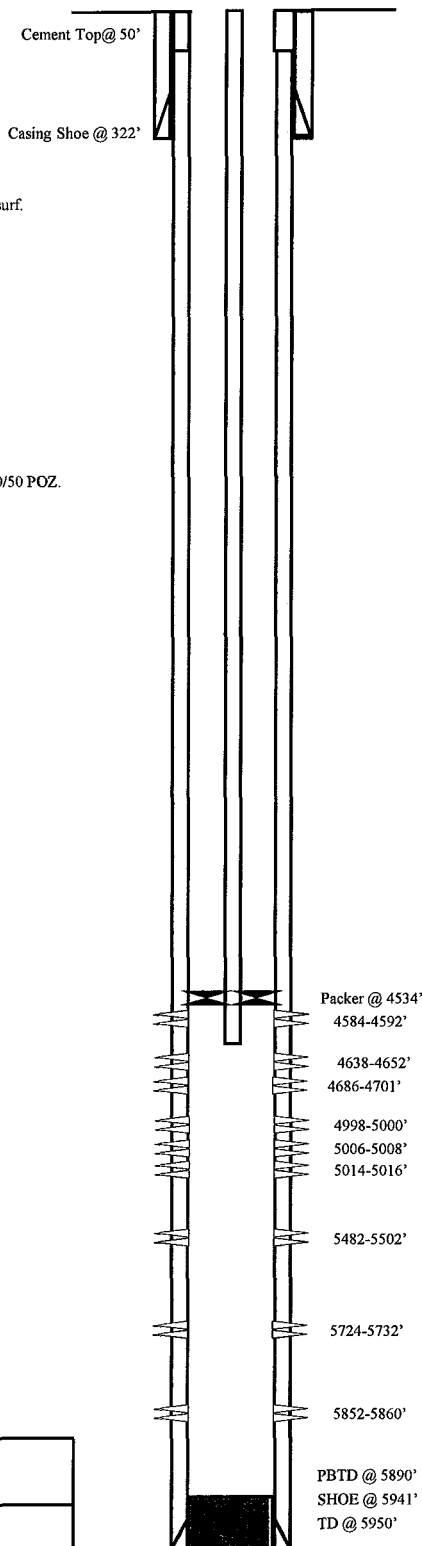
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 175 jts (5640.6')
TUBING ANCHOR: 5652.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5687' KB
NO. OF JOINTS: 1 jts (31.6')
GAS ANCHOR: 5719.7'
SEATING NIPPLE: 2-7/8" (1.2')
NO. OF JOINTS: 3 jts (94.9')
TOTAL STRING LENGTH: EOT @ 5822' KB

Proposed Injection Wellbore Diagram




Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

11/22/06	5852-5860'	Frac CP5 sands as follows: 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
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03/21/07		Pump Change: Updated rod and tubing detail.
6/1/2010		Pump change. Updated rod and tubing detail.
9/7/2010		Pump change. Updated rod and tubing detail.
10/22/10	4998-5016'	Frac A3 sands as follows: 61766# 20/40 sand in 501 bbls Lightning 17 frac fluid.
10/25/10		Re-Completion

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes


Federal 5-21-9-16 2033' FNL & 551' FWL SW/NW Section 21-T9S-R16E Duchesne Co, Utah API # 43-013-33020; Lease # UTU-64379

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #5-21-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #5-21-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3900' - 5890'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3582' and the TD is at 5950'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #5-21-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-64379) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 322' KB, and 5-1/2", 15.5# casing run from surface to 5941' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1930psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #5-21-9-16, for existing perforations (4584' - 5860') calculates at 0.86 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1930 psig. We may add additional perforations between 3582' and 5950'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #5-21-9-16, the proposed injection zone (3900' - 5890') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-13.

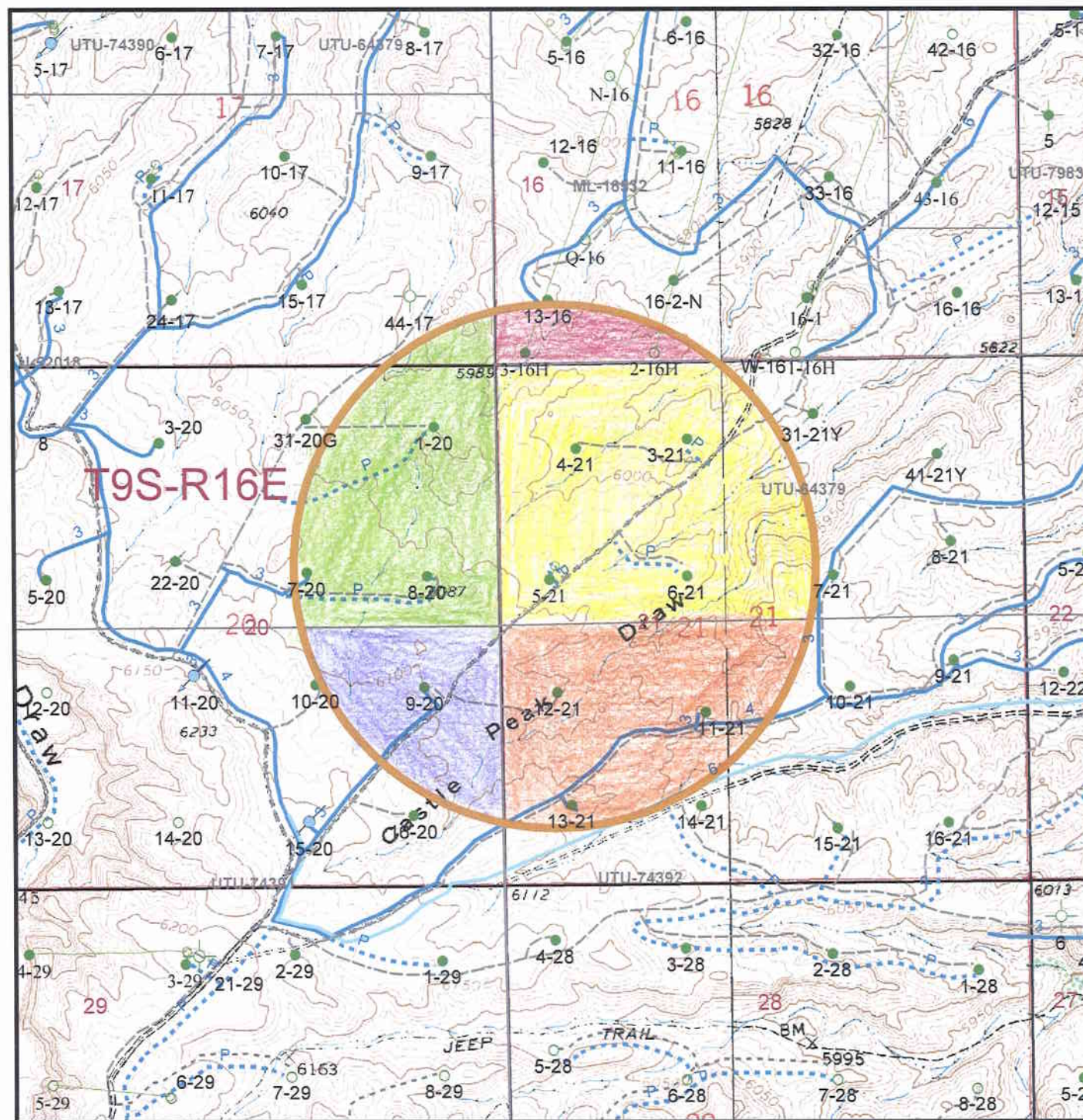
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- SurfaceLocation_HalfMile_Buffer**
- Well Status**
- Location
 - CTI
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - Temporarily Abandoned
 - Plugged & Abandoned
 - Shut In
- Countyline**
- Injection system**
- high pressure
 - low pressure
 - ... proposed
 - return
 - ... return proposed
- Leases**
- Mining tracts**

UTU-64379

UTU-74392

UTU-74391

UTU-52018

ST of UT

ML-16532

Federal 5-21
Section 21, T 9S-R16E

NEWFIELD

ROCKY MOUNTAINS 1 in = 1,500 feet

1/2 Mile Radius Map
Duchesne & Uintah Counties

1001 17th Street Suite 2000
Denver, Colorado 80202
Phone (303) 893-0102

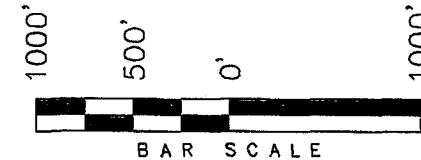
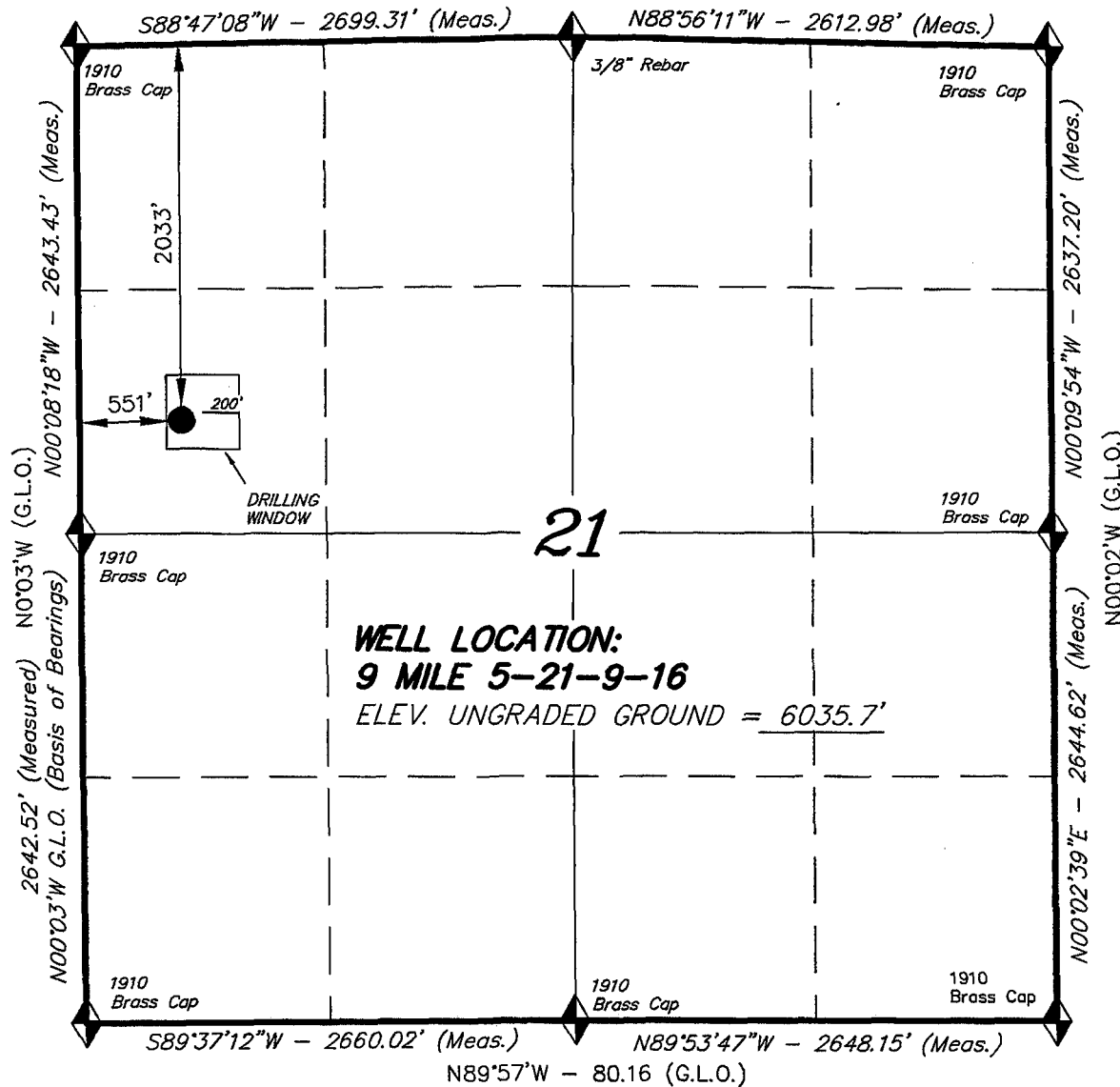
May 2, 2012

T9S, R16E, S.L.B.&M.

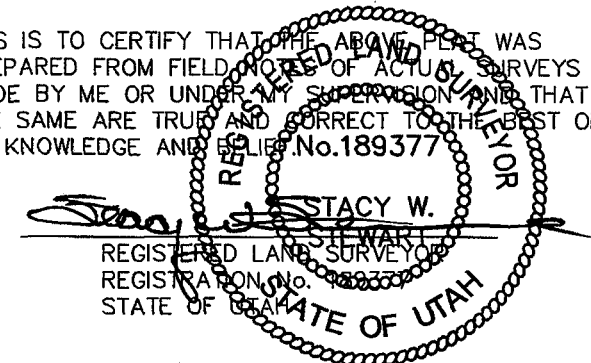
N89°57'W - 80.00 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 5-21-9-16,
LOCATED AS SHOWN IN THE SW 1/4 NW
1/4 OF SECTION 21, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

9 MILE 5-21-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 05.17"
LONGITUDE = 110° 07' 54.43"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-23-05	SURVEYED BY: K.G.S.
DATE DRAWN: 11-30-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
2	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: All Section 28: All	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 19: E2SW, SE, LOTS 3, 4 Section 20: S2 Section 29: All Section 30: All	USA UTU-74391 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corp MYCO Industries Inc OXY Y-1 Company Yates Petroleum Corp	USA
4	T9S-R16E SLM Section 17: S2 Section 20: N2	USA UTU-52018 HBP	Newfield Production Company Newfield RMI LLC	USA

5 T9S-R16E SLM
Section 16: All

State of Utah
ML-16532
HBP

Newfield Production Company
Newfield RMI LLC
QEP Energy Company
El Paso E&P Company LP
American Petroleum Corp
Brave River Production
Trans Republic Resources Inc.
El Paso Production Oil & Gas Company


State of Utah

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #5-21-9-16

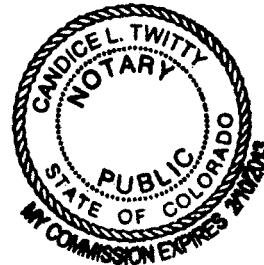
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 14th day of June, 2012.

Notary Public in and for the State of Colorado: Candice L. Twitty

My Commission Expires 02/10/2013



Federal 5-21-9-16

Spud Date: 10/21/06
 Put on Production: 12/02/06
 K.B.: 6048' G.L.: 6036'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (310.62')
 DEPTH LANDED: 322.47' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

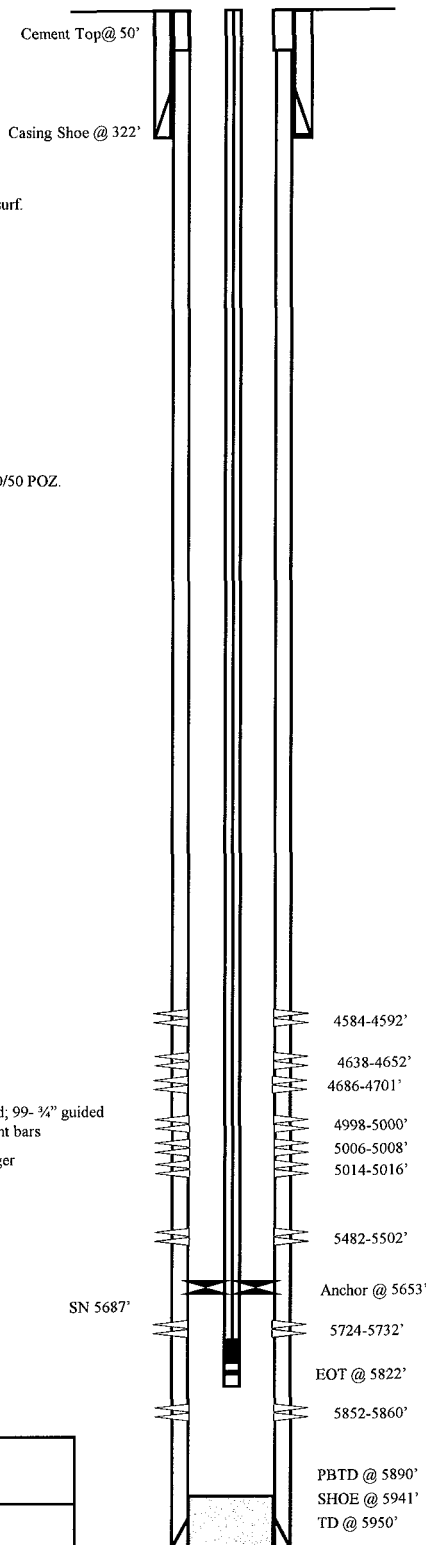
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5927.96')
 DEPTH LANDED: 5941.21' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 175 jts (5640.6')
 TUBING ANCHOR: 5652.6' KB
 NO. OF JOINTS: 1 jts (31.6')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5687' KB
 NO. OF JOINTS: 1 jts (31.6')
 GAS ANCHOR: 5719.7'
 SEATING NIPPLE: 2-7/8" (1.2')
 NO. OF JOINTS: 3 jts (94.9')
 TOTAL STRING LENGTH: EOT @ 5822' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 33'
 SUCKER RODS: 1-4' x 3/4", 1 - 6 x 3/4", 1 - 8 x 3/4" pony rod; 99- 3/4" guided rods; 91 - 3/4" sucker rods; 30- 3/4" guided rods; 6- 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' x 24' RHAC w/SM plunger
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

FRAC JOB

11/22/06	5852-5860'	Frac CP5 sands as follows: 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
11/22/06	5724-5732'	Frac CP4 sands as follows: 37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 516 gal.
11/22/06	5482-5502'	Frac CP1 sands as follows: 56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.
11/24/06	4584-4652'	Frac D1, D2 sands as follows: 156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.
03/21/07		Pump Change: Updated rod and tubing detail.
6/1/2010		Pump change. Updated rod and tubing detail.
9/7/2010		Pump change. Updated rod and tubing detail.
10/22/10	4998-5016'	Frac A3 sands as follows: 61766# 20/40 sand in 501 bbls Lightning 17 frac fluid.
10/25/10		Re-Completion

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes

NEWFIELD**Federal 5-21-9-16**

2033' FNL & 551' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33020; Lease # UTU-64379

FEDERAL 1-20-9-16

Spud Date: 05/16/07
 Put on Production: 07/25/07
 GL: 6038' KB: 6050'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (312.36')
 DEPTH LANDED: 324.21' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6015.83')
 DEPTH LANDED: 6029.08' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 179 jts (5506.29')
 TUBING ANCHOR: 5518.29' KB
 NO. OF JOINTS: 1 jts (30.52')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5551.61' KB
 NO. OF JOINTS: 2 jts (61.81')
 TOTAL STRING LENGTH: EOT @ 5614.97' KB

SUCKER RODS

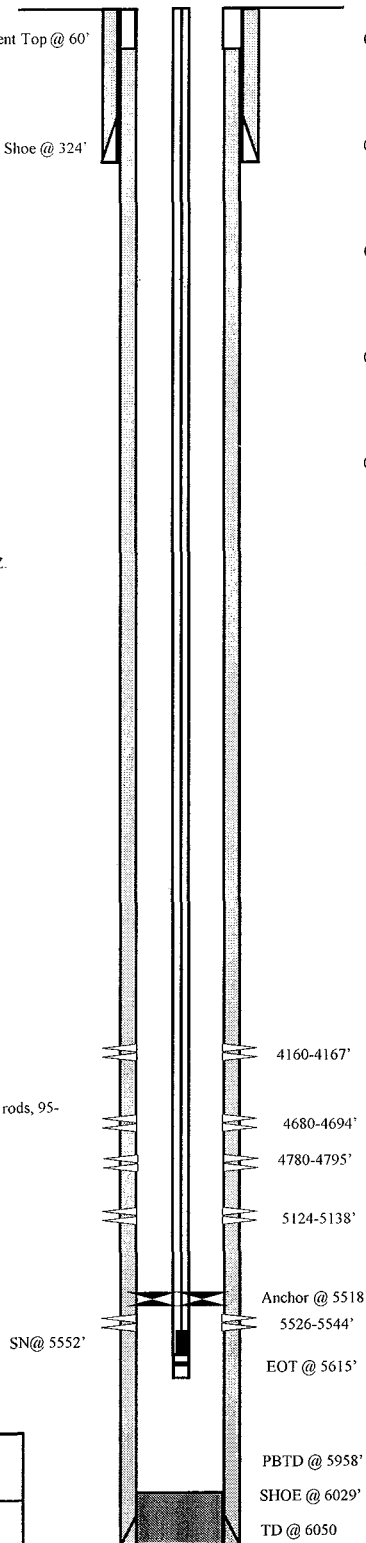
POLISHED ROD: 1-1/2" x 26' SM polished rods
 SUCKER RODS: 1-2", 4", 6" & 8" x 3/4" pony rods, 100-3/4" guided rods, 95-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" x 25' weight rods.
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 16" x 20" RHAC
 STROKE LENGTH: 120"
 PUMP SPEED: 5 SPM:

FRAC JOB

07/19/07	5526-5544'	Frac CPI sands as follows: 40327# 20/40 sand in 416 bbls Lightning 17 frac fluid. Treated @ avg press of 2186 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush: 5524 gal. Actual flush: 5002 gal.
07/19/07	5124-5138'	Frac LODC sands as follows: 60273# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 2674 psi w/avg rate of 24.8 BPM. ISIP 2760 psi. Calc flush: 5122 gal. Actual flush: 4582 gal.
07/19/07	4780-4795'	Frac C sands as follows: 60060# 20/40 sand in 510 bbls Lightning 17 frac fluid. Treated @ avg press of 1833 psi w/avg rate of 24.8 BPM. ISIP 1800 psi. Calc flush: 4778 gal. Actual flush: 4288 gal.
07/19/07	4680-4694'	Frac D2 sands as follows: 79938# 20/40 sand in 623 bbls Lightning 17 frac fluid. Treated @ avg press of 1860 psi w/avg rate of 24.8 BPM. ISIP 1960 psi. Calc flush: 4678 gal. Actual flush: 4120 gal.
07/20/07	4160-4167'	Frac GB6 sands as follows: 25213# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2145 psi w/avg rate of 24.3 BPM. ISIP 2025 psi. Calc flush: 5503 gal. Actual flush: 4914 gal.
1/26/09		Pump Change: Updated r & t details.

PERFORATION RECORD

07/10/07	5526-5544'	4 JSPF	72 holes
07/19/07	5124-5138'	4 JSPF	56 holes
07/19/07	4780-4795'	4 JSPF	60 holes
07/19/07	4680-4694'	4 JSPF	56 holes
07/19/07	4160-4167'	4 JSPF	28 holes



NEWFIELD

FEDERAL 1-20-9-16

617'FNL & 652' FEL

NE/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33066; Lease # UTU-52018

Federal 7-20-9-16

Attachment E-2

Spud Date: 6-6-07

Put on Production: 8-12-05

GL: 6078' KB: 6090'

Injection Wellbore
Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (306.9')

DEPTH LANDED: 318.75' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 1343 jts (5918.61')

DEPTH LANDED: 5931.86' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 48'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 146 jts (4605')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4617' KB

ARROW #1 PKR CE @ 4621.42'

TOTAL STRING LENGTH: EOT @ 4626'

FRAC JOB

7-9-07 5279-5290'

Frac LODC, sands as follows:
29,554# 20/40 sand in 370 bbls Lightning 17 frac fluid. Treated @ avg press of 1987 psi w/avg rate of 24.7 BPM. ISIP 2284 psi. Calc flush: 5277 gal. Actual flush: 4746 gal.

7-9-07 5030-5038'

Frac LODC sands as follows:
24,274# 20/40 sand in 368 bbls Lightning 17 frac fluid. Treated @ avg press of 2044 psi w/avg rate of 24.7 BPM. ISIP 2143 psi. Calc flush: 5028 gal. Actual flush: 4557 gal.

7-9-07 4946-4957'

Frac A3 sands as follows:
40,017# 20/40 sand in 427 bbls Lightning 17 frac fluid. Treated @ avg press of 1862 psi w/avg rate of 24.7 BPM. ISIP 2238 psi. Calc flush: 4944 gal. Actual flush: 4389 gal.

7-9-07 4655-4668'

Frac D3 sands as follows:
48,763# 20/40 sand in 450 bbls Lightning 17 frac fluid. 24.8 BPM. Calc flush: 4653 gal. Actual flush: 4578 gal.

6/9/09

Stuck Pump. Updated rod & tubing details.

5/26/11

Pump Change. Updated rod and tubing detail.

01/30/12

Parted rods. Updated rod and tubing detail

3/12/12

Pump change: Updated rod & tubing detail

5/9/12

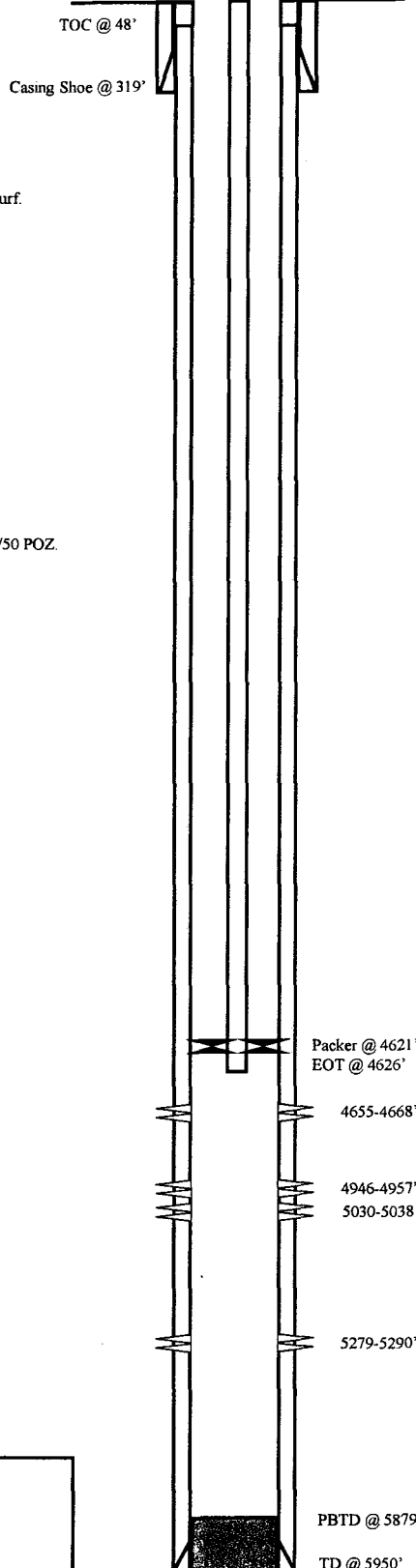
Convert to Injection Well

5/11/12

Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

7-3-07	5279-5290'	4 JSPF	44 holes
7-9-07	5030-5038'	4 JSPF	32 holes
7-9-07	4946-4957'	4 JSPF	44 holes
7-9-07	4655-4668'	4 JSPF	52 holes



NEWFIELD



Federal 7-20-9-16

2098' FNL & 1961' FEL

SW/NE Section 20-T9S-R16E

Duchesne Co, Utah

API #43-013-33106; Lease #UTU-52018

FEDERAL 8-20-9-16

Spud Date: 06/05/07
Put on Production: 07/09/07
GL: 6055' KB: 6067'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (303.80')
DEPTH LANDED: 313.8' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts (5936.00')
DEPTH LANDED: 5934.00' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP: 210'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 174 jts (5422.3')
TUBING ANCHOR: 5434.3' KB
NO. OF JOINTS: 1 jt (31.7')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5468.7' KB
NO. OF JOINTS: 2 jts (62.7')
TOTAL STRING LENGTH: EOT @ 5533' KB

SUCKER RODS


POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 100- 3/4" guided rods, 58- 3/4" sucker rods, 54- 3/4" guided rods,
6- 1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 12" x 16" RHAC
STROKE LENGTH:
PUMP SPEED, SPM:

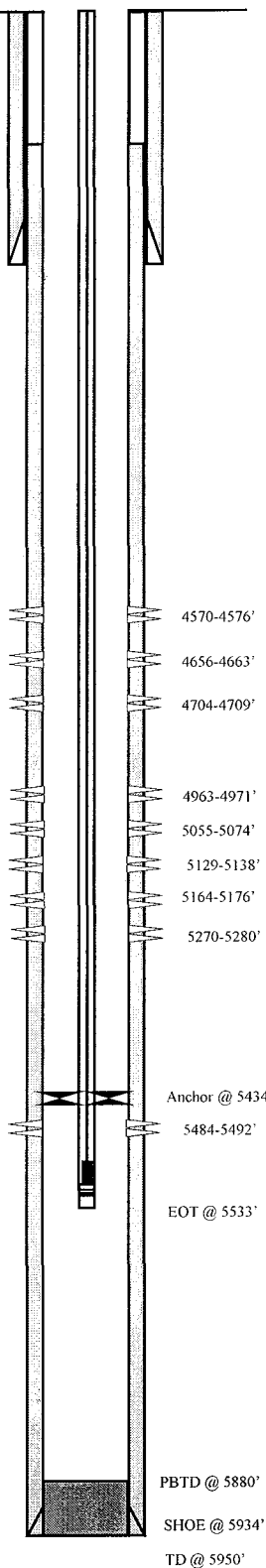
FRAC JOB

07/02/07	5484-5492'	Frac CP1 sands as follows: 15470# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2490 psi w/avg rate of 24.6 BPM. ISIP 2369 psi. Calc flush: 5482 gal. Actual flush: 4981 gal.
07/02/07	5270-5280'	Frac LODC sands as follows: 29548# 20/40 sand in 365 bbls Lightning 17 frac fluid. Treated @ avg press of 2397 psi w/avg rate of 24.4 BPM. ISIP 2486 psi. Calc flush: 5268 gal. Actual flush: 4796 gal.
07/02/07	5129-5176'	Frac LODC sands as follows: 4712# 20/40 sand in 389 bbls Lightning 17 frac fluid. Blender Broke. Need to Refrac. ISIP 2340 psi. Calc flush: 5127 gal. Actual flush: 5292 gal.
07/03/07	5129-5176'	Frac LODC sands as follows: 95147# 20/40 sand in 706 bbls Lightning 17 frac fluid. Treated @ avg press of 2554 psi w/avg rate of 24 BPM. ISIP 2775 psi. Calc flush: 5127 gal. Actual flush: 4662 gal.
07/03/07	5055-5074'	Frac LODC sands as follows: 71220# 20/40 sand in 719 bbls Lightning 17 frac fluid. Treated @ avg press of 2372 psi w/avg rate of 24.3 BPM. ISIP 2680 psi. Calc flush: 5053 gal. Actual flush: 5095 gal.
07/03/07	4963-4971'	Frac A1 sands as follows: 40277# 20/40 sand in 492 bbls Lightning 17 frac fluid. Treated @ avg press of 2725 psi w/avg rate of 24.5 BPM. ISIP 2290 psi. Calc flush: 4961 gal. Actual flush: 4452 gal.
07/05/07	4656-4709'	Frac D3&C sands as follows: 29723# 20/40 sand in 376 bbls Lightning 17 frac fluid. Treated @ avg press of 1630 psi w/avg rate of 24.5 BPM. ISIP 1700 psi. Calc flush: 4654 gal. Actual flush: 4200 gal.
07/05/07	4570-4576'	Frac D1 sands as follows: 42080# 20/40 sand in 356 bbls Lightning 17 frac fluid. Treated @ avg press of 1829 psi w/avg rate of 24.4 BPM. ISIP 1875 psi. Calc flush: 4568 gal. Actual flush: 4494 gal.
2/10/09	5129-5138'	Pump Change. Updated r & t details.
5/26/2010	5164-5176'	Tubing leak. Updated rod and tubing detail.
	5270-5280'	

PERFORATION RECORD

06/28/07	5484-5492'	4 JSPF	32 holes
07/02/07	5270-5280'	4 JSPF	40 holes
07/02/07	5164-5176'	4 JSPF	48 holes
07/02/07	5129-5138'	4 JSPF	36 holes
07/03/07	5055-5074'	4 JSPF	76 holes
07/03/07	4963-4971'	4 JSPF	32 holes
07/03/07	4704-4709'	4 JSPF	20 holes
07/03/07	4656-4663'	4 JSPF	28 holes
07/05/07	4570-4576'	4 JSPF	24 holes


FEDERAL 8-20-9-16 2133'FNL & 746' FEL SE/NE Section 20-T9S-R16E Duchesne Co, Utah API #43-013-33107; Lease # UTU-52018



Federal 10-20-9-16

Spud Date: 7-25-07
Put on Production: 8-31-07
GL: 6105' KB: 6117'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT: 24#
LENGTH 7 jts (303 36')
DEPTH LANDED: 315.21' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH 155 jts (5927 26')
DEPTH LANDED: 5943.51' KB
HOLE SIZE: 7-7/8"
CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT 226'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO OF JOINTS: 181 jts (5693')
TUBING ANCHOR: 5693' KB
NO OF JOINTS 1 jts (31 6')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 5728 4' KB
NO OF JOINTS: 2 jts (63 0')
TOTAL STRING LENGTH: EOT @ 5792 90' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 2-16' 1-4" 1-2" x 1/4" pony sub, 222-3/4" guided rods (103 new), 6-1 1/2" weight bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20 RHAC w/SM plunger
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-29-07 5736-5748' **Frac CP5 sands as follows:**
45032# 20/40 sand in 460 bbls Lightning 17 frac fluid. Treated @ avg press of 2371 psi w/avg rate of 24.7 BPM. ISIP 2395 psi. Calc flush: 5971 gal Actual flush: 5145 gal.

08-29-07 5002-5040' **Frac LODC sands as follows:**
89993# 20/40 sand in 694 bbls Lightning 17 frac fluid. Treated @ avg press of 1981 psi w/avg rate of 24.7 BPM. ISIP 2506 psi. Calc flush: 5000 gal Actual flush: 4507 gal.

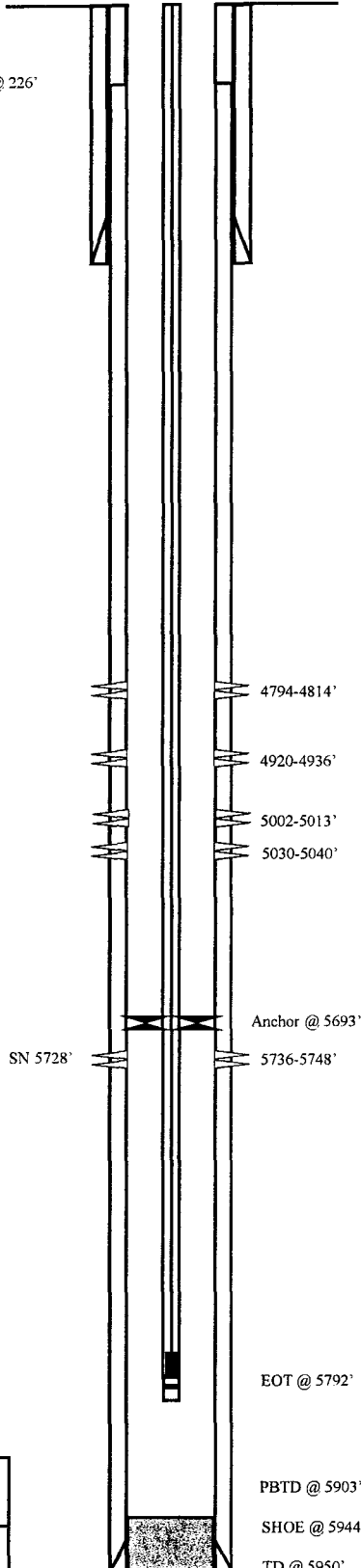
08-29-07 4920-4936' **Frac A1 sands as follows:**
114939# 20/40 sand in 845 bbls Lightning 17 frac fluid. Treated @ avg press of 1896 psi w/avg rate of 24.7 BPM. ISIP 2218 psi. Calc flush: 4918 gal Actual flush: 4410 gal.

08-29-07 4794-4814' **Frac B2 sand as follows:**
80966# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2005 w/avg rate of 24.7 BPM. ISIP 2205 psi. Calc flush: 4792 gal Actual flush: 4704 gal.

05/28/08 **Tbg leak.** Updated tubing and rod detail

6/10/2010 **Parted rods** Update rod and tubing details

Cement top @ 226'

PERFORATION RECORD

Date	Interval	Tool	Holes
08-24-07	5736-5748'	4 JSPF	48 holes
08-29-07	5030-5040'	4 JSPF	40 holes
08-29-07	5002-5013'	4 JSPF	44 holes
08-29-07	4920-4936'	4 JSPF	64 holes
08-29-07	4794-4814'	4 JSPF	80 holes

NEWFIELD

Federal 10-20-9-16

2041' FSL & 1892' FEL

NW/SE Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33108; Lease # UTU-74391

Federal 9-20-9-16

Spud Date: 6-14-07
 Put on Production: 8-23-07
 GL: 6095' KB: 6107'

Wellbore Diagram

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (302.22')
 DEPTH LANDED: 313.12' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 156 jts. (6053.98')
 DEPTH LANDED: 6067.23' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5188.5')
 TUBING ANCHOR: 5200.5' KB
 NO. OF JOINTS: 2 jts (62.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5266.3' KB
 NO. OF JOINTS: 2 jts (62.9')
 TOTAL STRING LENGTH: EOT @ 5331.0' KB

SUCKER RODS

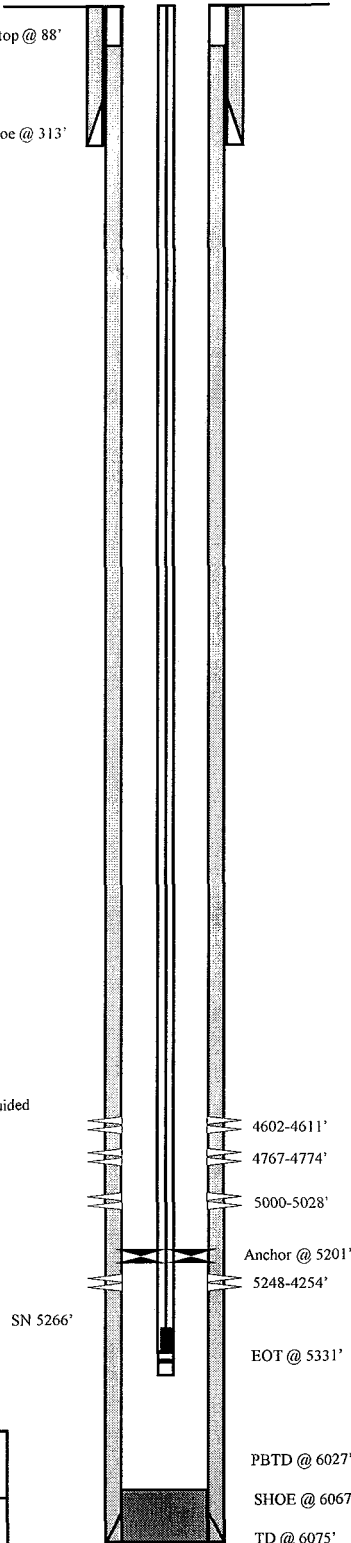
POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-6' x 3/4" pony rod, 1-4' x 3/4" pony rod, 100-3/4" guided rods, 82-3/4" sucker rods, 22-3/4" guided rods, 6-1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 18" RHAC
 STROKE LENGTH: 120"
 PUMP SPEED, SPM: 5 SPM

FRAC JOB

08-17-07	5248-5254'	Frac LODC sands as follows: 14994# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2477 psi w/avg rate of 24.8 BPM. ISIP 2540 psi. Calc flush: 5246 gal. Actual flush: 4704 gal.
08-17	5000-5028'	Frac LODC sands as follows: 151355# 20/40 sand in 1050 bbls Lightning 17 frac fluid. Treated @ avg press of 1647 psi w/avg rate of 24.8 BPM. ISIP 2100 psi. Calc flush: 4998 gal. Actual flush: 4494 gal.
08-17-07	4764-4774'	Frac B.5 sands as follows: 19761# 20/40 sand in 294 bbls Lightning 17 frac fluid. Treated @ avg press of 2232 psi w/avg rate of 24.8 BPM. ISIP 4148 psi. Calc flush: 4762 gal. Actual flush: 3839 gal.
08-17-07	4602-4611'	Frac D2 sand as follows: 45991# 20/40 sand in 435 bbls Lightning 17 frac fluid. Treated @ avg press of 2094 w/avg rate of 24.8 BPM. ISIP 1850 psi. Calc flush: 4600 gal. Actual flush: 4515 gal.
2/1/2010		Pump change. Updated rod and tubing detail.

PERFORATION RECORD

08-13-07	5248-5254'	4 JSPF	24 holes
08-17-07	5000-5028'	4 JSPF	112 holes
08-17-07	4767-4774'	4 JSPF	28 holes
08-17-07	4602-4611'	4 JSPF	36 holes

**NEWFIELD****Federal 9-20-9-16**

2011' FSL & 789' FEL

NE/SE Section 20-T9S-R16E

Duchesne Co, Utah

API # 43-013-33068; Lease # UTU-74391

Federal 12-21-9-16

Spud Date: 7-30-07
Put on Production: 8-28-07
GL: 6054' KB: 6066'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (302.22')
DEPTH LANDED: 313.23' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6047.38')
DEPTH LANDED: 6061.02' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP AT: 152'

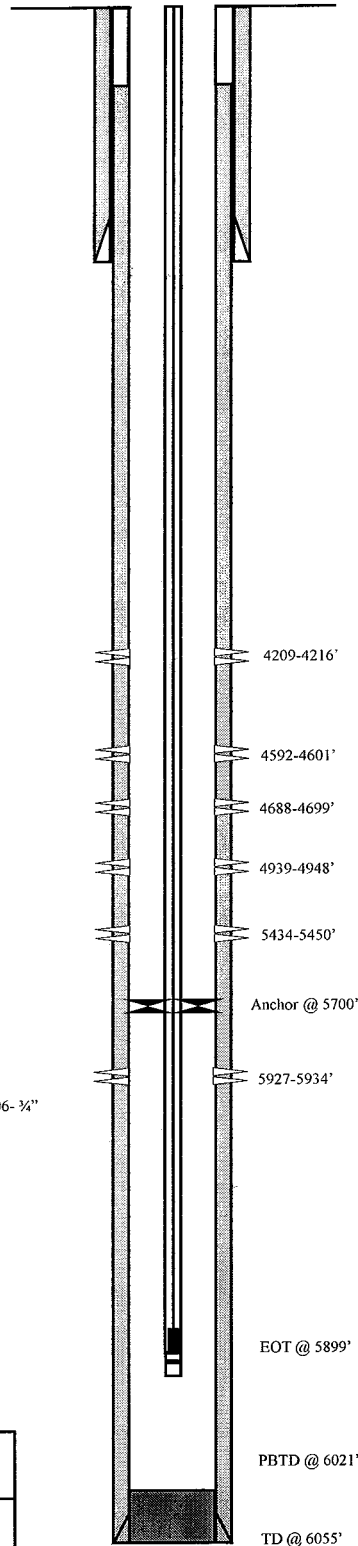
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 181 jts (5688')
TUBING ANCHOR: 5700.' KB
NO. OF JOINTS: 2 jts (63.00')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5766.' KB
NO. OF JOINTS: 1 jts (31.50')
GAS ANCHOR: 5799
NO. OF JOINTS: 3 jts (94.6)
TOTAL STRING LENGTH: EOT @ 5899' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-4', 1-8' X 3/4" Pony Rods, 99- 3/4" guided rods, 106- 3/4" plain rods, 19- 3/4" guided rods, 6-1 1/2" sinker bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram



Initial Production: BOPD,
MCFD, BWPD

FRAC JOB

08-24-07	5927-5934'	Frac BSLS sands as follows: 29629# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2275 psi w/avg rate of 24.7 BPM. ISIP 2025 psi. Calc flush: 5925 gal. Actual flush: 5376 gal.
08-24-07	5434-5450'	Frac CP1 sands as follows: 70328# 20/40 sand in 585 bbls Lightning 17 frac fluid. Treated @ avg press of 2158 psi w/avg rate of 24.7 BPM. ISIP 2435 psi. Calc flush: 5432 gal. Actual flush: 4872 gal.
08-24-07	4939-4948'	Frac A3 sands as follows: 39870# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2105 psi w/avg rate of 24.7 BPM. ISIP 2375 psi. Calc flush: 4937 gal. Actual flush: 4410 gal.
08-24-07	4688-4699'	Frac C sand as follows: 47661# 20/40 sand in 452 bbls Lightning 17 frac fluid. Treated @ avg press of 1903 w/ avg rate of 24.7 BPM. ISIP 2075 psi. Calc flush: 4686 gal. Actual flush: 4221 gal.
08-24-07	4592-4601'	Frac D2 sand as follows: 48185# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 1687 w/ avg rate of 24.7 BPM. ISIP 1740 psi. Calc flush: 4590 gal. Actual flush: 4074 gal.
08-24-07	4209-4216'	Frac pb8 sand as follows: 37092# 20/40 sand in 322 bbls Lightning 17 frac fluid. Treated @ avg press of 2218 w/ avg rate of 24.7 BPM. ISIP 3225 psi. Calc flush: 4207 gal. Actual flush: 1718 gal.
12-12-07		Pump Change. Updated rod & tubing details.
10/26/09		Pump Change. Updated rod & tubing details.
10/14/11		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

08-20-07	5927-5934'	4 JSPF	28 holes
08-24-07	5434-5450'	4 JSPF	64 holes
08-24-07	4939-4948'	4 JSPF	36 holes
08-24-07	4688-4699'	4 JSPF	44 holes
08-24-07	4592-4601'	4 JSPF	36 holes
08-24-07	4209-4216'	4 JSPF	28 holes

NEWFIELD**Federal 12-21-9-16**

1952' FSL & 557' FWL

NW/SW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33143; Lease # UTU-74392

TW 11/01/11

Federal 13-21-9-16

Spud Date: 4-30-07
Put on Production: 7-30-07
GL: 6105' KB: 6117'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (312.15')
DEPTH LANDED: 324.01' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 137 jts. (6025.88')
DEPTH LANDED: 6039.13' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.
CEMENT TOP: surface.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 168 jts. (5313.5')
NO. OF JOINTS: 9 jts. (280.8')
TUBING ANCHOR: 5606'
NO. OF JOINTS: 1 jts (31.40')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5641.'
NO. OF JOINTS: 1 jts (31.40')
GAS ANCHOR: (5673.)'
NO. OF JOINTS: 6 jts. (188.5')
TOTAL STRING LENGTH: EOT @ 5868'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
SUCKER RODS: 1-4", x 3/4" Pony rods, 99- 3/4" Guided rods, 53- 3/4" Sucker rods, 66-3/4" 4 PER Guided rods, 6-1 1/2" Sinker bars.
PUMP SIZE: 2-1/2" x 1-1/2" x 16"x 20' RHAC CDI pump
STROKE LENGTH: 120"
PUMP SPEED, 4 SPM

FRAC JOB

7-25-07 5938-5946' **Frac BSC sands as follows:**
14827# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 1898 psi w/avg rate of 24.8 BPM. ISIP 1983 psi. Calc flush: 5936 gal. Actual flush: 5418 gal.

7-25-07 5455-5464' **Frac CP1 sands as follows:**
152957# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2098 psi w/avg rate of 24.7 BPM. ISIP 2085 psi. Calc flush: 5453 gal. Actual flush: 4914 gal.

7-26-07 4826-4834' **Frac B2 sands as follows:**
45217# 20/40 sand in 434 bbls Lightning 17 frac fluid. Treated @ avg press of 2144 psi w/avg rate of 28.1 BPM. ISIP 2377 psi. Calc flush: 4824 gal. Actual flush: 4368 gal.

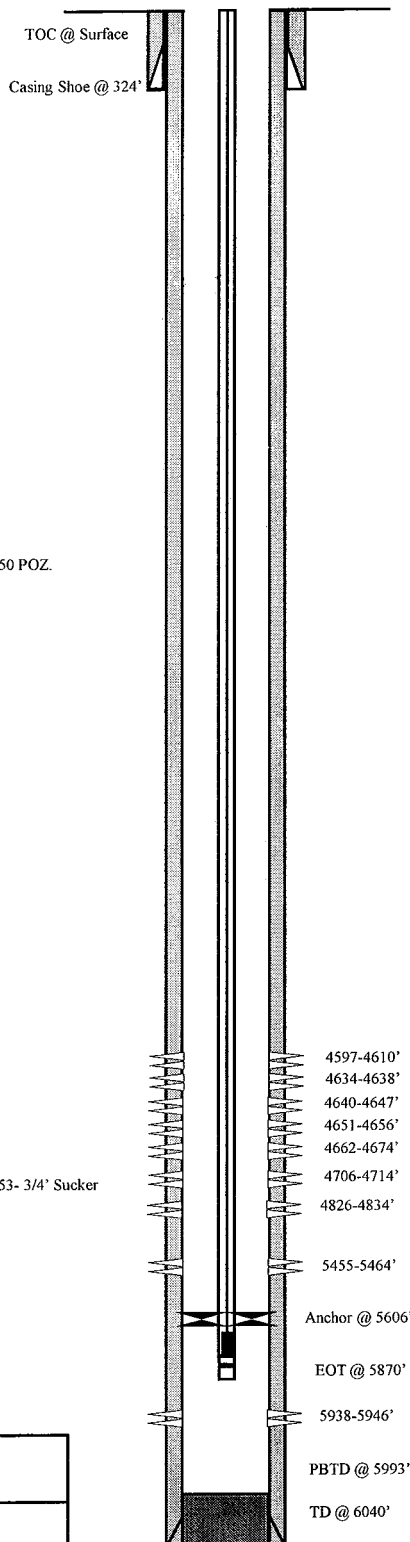
7-26-07 4706-4714' **Frac C sands as follows:**
42292# 20/40 sand in 354 bbls Lightning 17 frac fluid. 24.8 BPM. ISIP 1463 psi.

2-19-08
05/15/09
05/15/09 4597-4610' Pump Change. Updated rod & tubing details. Recompletion.

04/19/10
03/24/11
12/22/11 **Frac D3 & D2 sands as follows:**
124935# 20/40 sand in 1196 bbls Lightning 17 frac fluid. 26 BPM. ISIP 1764 psi.
Tubing Leak. Rod & Tubing Updated.
Tubing Leak. Rod & tubing details updated.
Tubing Leak: Rod & tubing details updated.

PERFORATION RECORD

7-18-07	5938-5946'	4 JSPF	32 holes
7-25-07	5455-5464'	4 JSPF	36 holes
7-25-07	4826-4834'	4 JSPF	32 holes
7-26-07	4706-4714'	4 JSPF	32 holes
5-16-09	4662-4674'	4 JSPF	48 holes
5-16-09	4651-4656'	4 JSPF	20 holes
5-16-09	4640-4647'	4 JSPF	28 holes
5-16-09	4634-4638'	4 JSPF	16 holes
5-16-09	4597-4610'	4 JSPF	52 holes



NEWFIELD

Federal 13-21-9-16

811' FSL & 687' FWL

SW/SW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33142; Lease #UTU-74392

TW 08/09/11
Updated HC 1/31/12

TW 08/30/11

Spud Date: 10/22/06
Put on Production: 12/07/06
GL: 6019' KB: 6031'

Federal 6-21-9-16

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.77')
DEPTH LANDED: 322.62' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5916.95')
DEPTH LANDED: 5930.20' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 60'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5445.60')
TUBING ANCHOR: 5457.6' KB
NO. OF JOINTS: 1 jts (31.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5480' KB
NO. OF JOINTS: 2 jts (63')
TOTAL STRING LENGTH: EOT @ 5544' w/ 12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1 x 3/4" = 2' pony rod, 100 - 3/4" = 2500' guided rods, 83 - 3/4" = 2075' guided rods, 30 - 3/4" = 750' guided rods, 6-1 1/2" = 150' weight rods.
PUMP SIZE: CDI 2-1/2" x 1-1/4" x 14 x 18" RHAC
STROKE LENGTH: 86"
PUMP SPEED, 4 SPM:

FRAC JOB

11/28/06 5497-5472' **Frac CP1 sands as follows:**
60318# 20/40 sand in 517 bbls Lightning 17 frac fluid. Treated @ avg press of 2202 psi w/avg rate of 25.0 BPM. ISIP 3010 psi. Calc flush: 5495 gal. Actual flush: 4964 gal.

11/28/06 5098-5106' **Frac LODC sands as follows:**
19850# 20/40 sand in 292 bbls Lightning 17 frac fluid. Treated @ avg press of 2154 psi w/avg rate of 14.3 BPM. ISIP 2720 psi. Calc flush: 5096 gal. Actual flush: 4590 gal.

11/28/06 4651-4588' **Frac D1 & D2 sands as follows:**
126303# 20/40 sand in 857 bbls Lightning 17 frac fluid. Treated @ avg press of 1655 psi w/avg rate of 24.8 BPM. ISIP 1880 psi. Calc flush: 4649 gal. Actual flush: 4494 gal.

03/15/07 **Pump Change.** Update rod and tubing details.

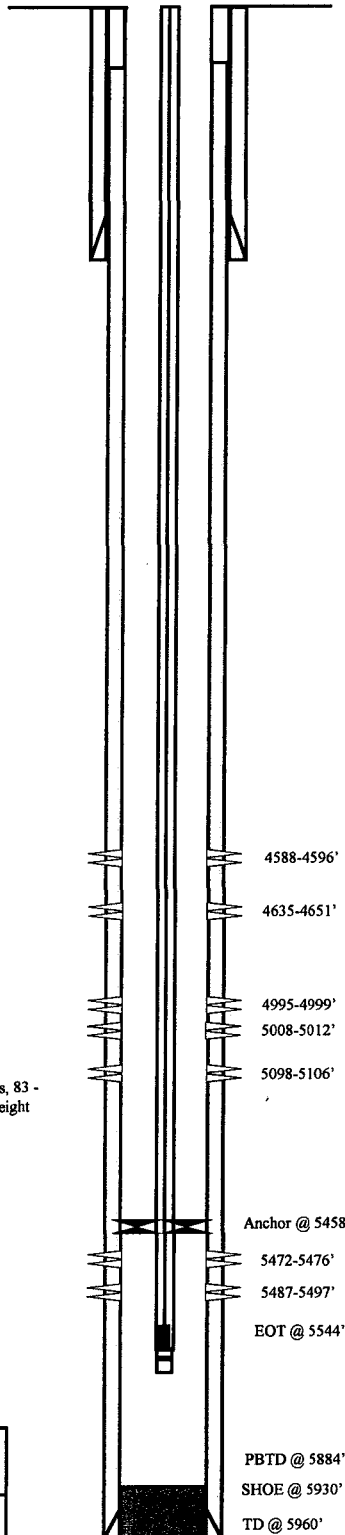
11/11/10 4995-5012' **Frac A3 sands as follows:** 32618# 20/40 sand in 283 bbls Lightning 17 fluid.

11/17/10 **Re-Completion finalized** – updated tbg and rod details

4/7/2011 **Pump Change.** Rod & tubing detail updated.

PERFORATION RECORD

11/28/06	5487-5497'	4 JSPF	40 holes
11/28/06	5472-5476'	4 JSPF	16 holes
11/28/06	5098-5106'	4 JSPF	32 holes
11/28/06	4635-4651'	4 JSPF	64 holes
11/28/06	4588-4596'	4 JSPF	32 holes
11/11/10	5008-5012'	3 JSPF	12 holes
11/11/10	4995-4999'	3 JSPF	12 holes

**NEWFIELD****Federal 6-21-9-16**

2159' FNL & 1887' FWL

SE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API #43-013-33021; Lease #UTU-64379

Federal 3-21-9-16

Spud Date: 10-24-06
Put on Production: 12-7-06
GL: 5975' KB: 5987'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.86')
DEPTH LANDED: 322.71' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

Cement top @ 90'

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts (5839.32')
DEPTH LANDED: 5852.57' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.
CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5464.16')
TUBING ANCHOR: 5476.16' KB
NO. OF JOINTS: 1 jts (31.59')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5510.55' KB
NO. OF JOINTS: 1 jts (33.42')
NO. OF JOINTS: 3jts (95.00)
TOTAL STRING LENGTH: EOT @ 5646.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-8", & 1-4 x 3/4" pony rods, 99- 3/4" scraped rods, 95- 3/4" plain rods, 40- 3/4" scraped rods, 6-1 1/2" weight rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

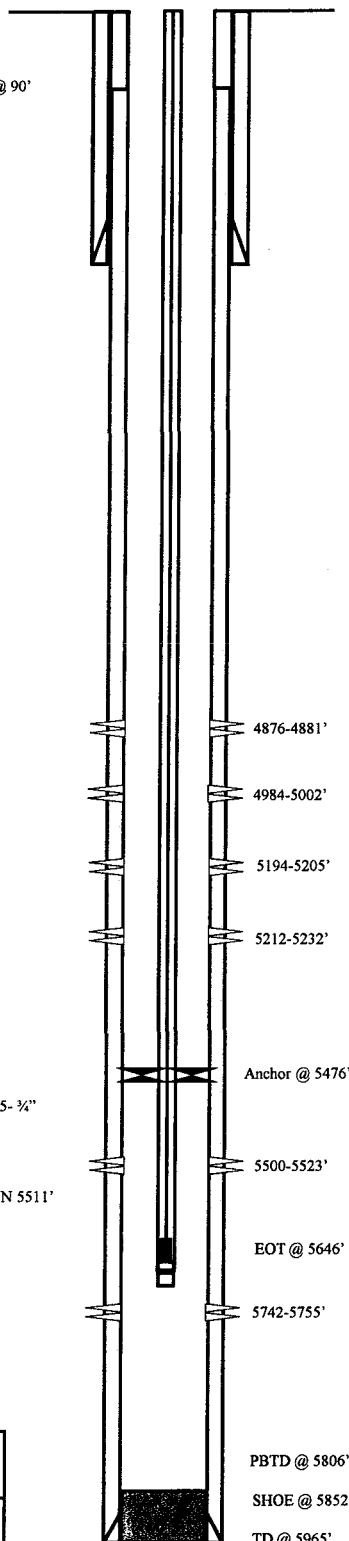
SN 5511'

FRAC JOB

11-30-06	5742-5755'	Frac CP4 sands as follows: 29540# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.9 BPM. ISIP 2100 psi. Calc flush: 5740 gal. Actual flush: 5233 gal.
12-01-06	5500-5523'	Frac CP1 sands as follows: 89095# 20/40 sand in 713 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 1830 psi. Calc flush: 5498 gal. Actual flush: 4994 gal.
12-01-06	5194-5232'	Frac LODC sands as follows: 126238# 20/40 sand in 886 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5192 gal. Actual flush: 4675 gal.
12-01-06	4984-5002'	Frac A1 sands as follows: 18951# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 2110 w/ avg rate of 24.9 BPM. ISIP 2130 psi. Calc flush: 4982 gal. Actual flush: 4519 gal.
12-01-06	4876-4881'	Frac B2 sands as follows: 12667# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 w/ avg rate of 25.0 BPM. ISIP 1710 psi. Calc flush: 4874 gal. Actual flush: 4788 gal.
03/10/07		Pump Change. Update rod and tubing details.
12/19/08		Tubing Leak. Updated rod & tubing details.
09/08/08		Parted Rods. Updated rod & tubing details.

PERFORATION RECORD

11-27-06	5742-5755'	4 JSPF	52 holes
11-30-06	5500-5523'	4 JSPF	92 holes
12-01-06	5212-5232'	4 JSPF	80 holes
12-01-06	5194-5205'	4 JSPF	44 holes
12-01-06	4984-5002'	4 JSPF	72 holes
12-01-06	4876-4881'	4 JSPF	20 holes



NEWFIELD

Federal 3-21-9-16

774' FNL & 1909' FWL

NE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33019; Lease # UTU-64379

Federal 4-21-9-16

Spud Date: 10-25-06
Put on Production: 12-12-06
GL: 5991' KB: 6003'

Wellbore Diagram

Initial Production: BOPD,
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (310.54')
DEPTH LANDED: 322.39' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts (5924.58')
DEPTH LANDED: 5937.83' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 452 sxs 50/50 POZ.
CEMENT TOP AT: 110'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 173 jts (5453.00')
TUBING ANCHOR: 5465.00' KB
NO. OF JOINTS: 1 jts (31.52')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5499.32' KB
NO. OF JOINTS: 2 jts (63.04')
TOTAL STRING LENGTH: EOT @ 5563.91' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 1-2", 4", 6", 8" x 3/4" pony rods, 99- 3/4" guided rods, 81- 3/4" plain rods, 32- 3/4" guided rods, 6- 1 1/2" weight rods
PUMP SIZE: 2-1/2" x 1-1/2" x 10' x 14' RHAC w/SM plunger
STROKE LENGTH: 86"
PUMP SPEED, SPM: 5 SPM

FRAC JOB

12-04-06 5494-5512' **Frac CPI sands as follows:**
5213# 20/40 sand in 385 bbls Lightning 17 frac fluid. Treated @ avg press of 2157 psi w/avg rate of 25 BPM. ISIP 2550 psi. Calc flush: 5492 gal. Actual flush: 10458 gal.

12-04-06 5204-5222' **Frac LODC sands as follows:**
23667# 20/40 sand in 320 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 25 BPM. ISIP 2850 psi. Calc flush: 5202 gal. Actual flush: 4704 gal.

12-05-06 4993-5072' **Frac A3, A1 sands as follows:**
117759# 20/40 sand in 829 bbls Lightning 17 frac fluid. Treated @ avg press of 2350 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 4991 gal. Actual flush: 4704 gal.

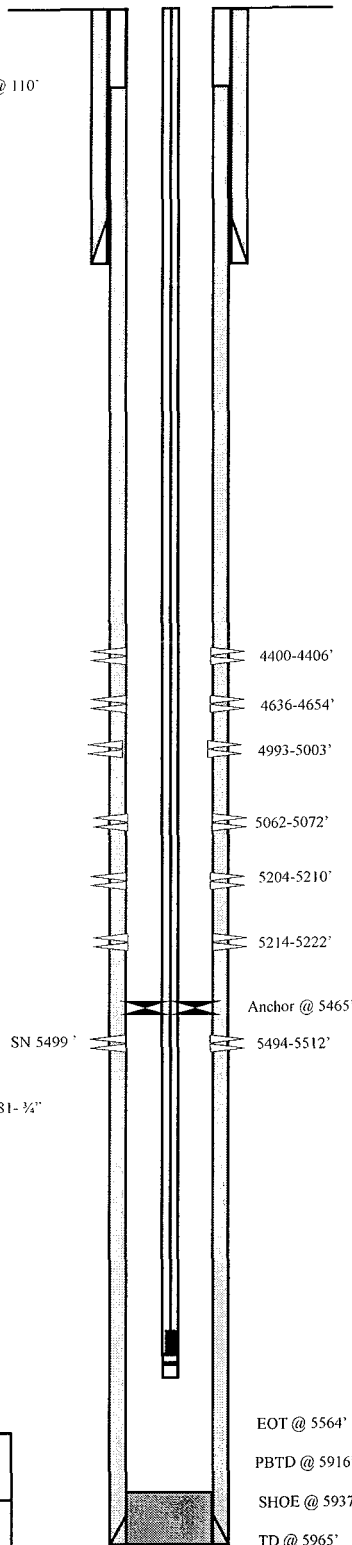
12-05-06 4636-4654' **Frac DS2 sands as follows:**
80794# 20/40 sand in 588 bbls Lightning 17 frac fluid. Treated @ avg press of 1519 w/ avg rate of 25 BPM. ISIP 2000 psi. Calc flush: 4634 gal. Actual flush: 4158 gal.

12-05-06 4400-4406' **Frac PBI1 sands as follows:**
20165# 20/40 sand in 265 bbls Lightning 17 frac fluid. Treated @ avg press of 2077 w/ avg rate of 25 BPM. ISIP 1720 psi. Calc flush: 4398 gal. Actual flush: 4284 gal.

11/13/08 Parted rods. Updated rod & tubing details.

PERFORATION RECORD

11-29-06	5494-5512'	4 JSPF	72 holes
12-04-06	5214-5222'	4 JSPF	32 holes
12-04-06	5204-5210'	4 JSPF	24 holes
12-04-06	5062-5072'	4 JSPF	40 holes
12-04-06	4993-5003'	4 JSPF	40 holes
12-05-06	4636-4654'	4 JSPF	72 holes
12-05-06	4400-4406'	4 JSPF	24 holes



NEWFIELD

Federal 4-21-9-16

851' FNL & 782' FWL

NW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33069; Lease # UTU-64379

GMB 3-16-9-16H

Wellbore Diagram

NEWFIELD
ROCKY MOUNTAINS

Surface Location: NE/NW, Sec 16, T9S R16E

County/State: Greater Monument Butte, Duchesne County, Utah

Elevation: 5847' GL + 12' KB API: 43-013-50441

8-5/8" Casing Shoe	Casing Detail	Size	Wt.	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bbl/ft	Hole	TOC
1,025	Surface	8-5/8"	24#	J-55	LTC	0	1,025						Surface	Surface
	Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar:
	Production	4-1/2"	11.6#	P-110	LTC	5,993	10,249	7,774	8,510	4,000	3,875	0.0155	6-1/8"	5,654' md to Surface

burst & collapse values are book, no additional safety factors have been applied

Tubing Detail	Size	Wt.	Grade	Conn.	Length	Top	Bottom	Joints
TBG DETAIL: sand drain valve, 3 jts 2 7/8" tbgs., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbgs., SN, 1 jt 2 7/8" tbgs., 5 1/2" TAC, 187 jts 2 7/8" tbgs and tbgs hanger. TA @ 5,870'. SN @ 5,903'. EOT @ 6,052' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs—4.625" OD)								

WELLBORE FLUIDS
Lateral section fluid= +8.4 ppg "clean" brine

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: Weatherford MacGyver 1 3/4" x 28' rod pump, stabilizer sub, on/off tool, stabilizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

Proposed Frac Data	Top	Bottom	Packers Plus 12 Stage StackFrac HD Stimulation Liner										Prop type/ size	Prop Vol (lbs)	Total Clean Vol (bbls)
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1.000" Seat for 1.250" SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD												
Stage 1	10,087	10,249	Dual Hydraulic Frac Port:	Depth: 10,160	Ball OD (in.): NA	Seat ID (in.): NA	Vol. to Seat (bbl): 204.33	Actual Vol. (bbl): NA	Difference (bbl):	Ball Action (ΔP):			100 mesh sand	0	
OH Anchor/Packer	10,080	10,087	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										30/50 mesh sand	0	1,993
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	34,144	2,342
Stage 2	9,682	10,002	FracPort 2:	Depth: 9,841	Ball OD (in.): 2.125	Seat ID (in.): 2.000	Vol. to Seat (bbl): 199.39	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	30,760	
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	36,389	2,775
Stage 3	9,914	9,677	FracPort 3:	Depth: 9,517	Ball OD (in.): 2.250	Seat ID (in.): 2.125	Vol. to Seat (bbl): 194.37	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	18,835	
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	7,548	2,716
Stage 4	9,035	9,354	FracPort 4:	Depth: 9,193	Ball OD (in.): 2.375	Seat ID (in.): 2.250	Vol. to Seat (bbl): 189.36	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	0	
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	28,177	4,118
Stage 5	8,710	9,030	FracPort 5:	Depth: 8,869	Ball OD (in.): 2.500	Seat ID (in.): 2.375	Vol. to Seat (bbl): 184.35	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	36,211	
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	37,277	3,907
Stage 6	8,386	8,705	FracPort 6:	Depth: 8,544	Ball OD (in.): 2.625	Seat ID (in.): 2.500	Vol. to Seat (bbl): 179.32	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	30,591	
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	32,229	2,784
Stage 7	8,068	8,381	FracPort 7:	Depth: 8,220	Ball OD (in.): 2.750	Seat ID (in.): 2.625	Vol. to Seat (bbl): 174.30	Actual Vol. (bbl):	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	21,843	
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	35,076	3,706
Stage 8	7,743	8,061	FracPort 8:	Depth: 7,901	Ball OD (in.): 2.750	Seat ID (in.): 2.750	Vol. to Seat (bbl): 169.37	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	30,420	
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	30,398	2,777
Stage 9	7,418	7,738	FracPort 9:	Depth: 7,577	Ball OD (in.): 3.000	Seat ID (in.): 2.875	Vol. to Seat (bbl): 164.35	Actual Vol. (bbl):	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	14,314	
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	25,505	1,869
Stage 10	6,768	7,413	FracPort 10:	Depth: 7,252	Ball OD (in.): 3.125	Seat ID (in.): 3.000	Vol. to Seat (bbl): 159.32	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	3,467	
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	37,884	2,804
Stage 11	6,768	7,088	FracPort 11:	Depth: 6,927	Ball OD (in.): 3.250	Seat ID (in.): 3.125	Vol. to Seat (bbl): 168.37	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	36,849	
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	31,284	2,755
Stage 12	6,445	6,763	FracPort 11:	Depth: 6,601	Ball OD (in.): 3.375	Seat ID (in.): 3.250	Vol. to Seat (bbl): 154.29	Actual Vol. (bbl): 0.00	Difference (bbl):	Ball Action (ΔP):			30/50 mesh sand	21,198	
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)												Total Fluid
OH Anchor/Packer	5,451	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,045psi)												34,456
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,045psi)												(bbl)
Lat Length			3,804										Sand Total	100 mesh sand	335,921
Total Stim. Lateral			3,804										580,309	30/50 mesh sand	244,388
Avg. Stage Length			317' between packers										# sand per foot of lateral		153

5.5"x4.5X TO 5,993

12

11

10

9

8

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6

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4

3

2

1
MD TD 10,259
TVD 6,011

ATTACHMENT E-12

State 13-16-9-16

Spud Date: 4/9/08

Put on Production: 6/18/08
GL: 5959' KB: 5971'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7jts (313.38')
HOLE SIZE: 12-1/4"
CEMENT DATA: To Surface with 160 sx Class 'G' cement

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 132jts
HOLE SIZE: 7-7/8"
DEPTH LANDED: 5763.29'
CEMENT DATA: 275 sx Premlite II and 400 sx 50/50 Poz
CEMENT TOP AT: 46'

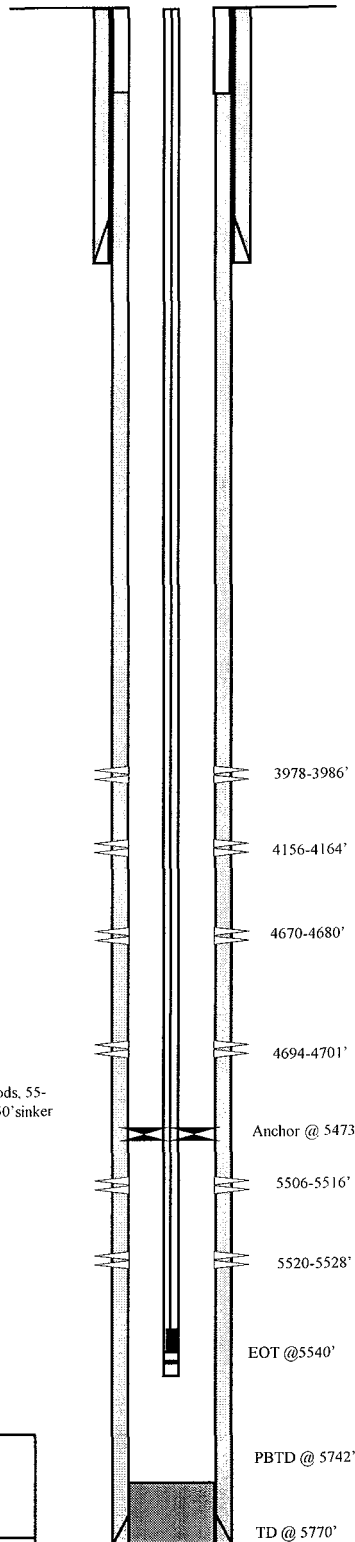
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 177 jts (5460.9')
TUBING ANCHOR: 5472.9'
NO. OF JOINTS: 1jt (31.70')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5507.1'kb
NO. OF JOINTS: 1 jts (31.10')
TOTAL STRING LENGTH: EOT @ 5540

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' polished rod
SUCKER RODS: 1 x 3/4" = 2' pony rods, 113-3/4" = 2825' guided rods, 55-3/4" = 1375' sucker rods, 41-3/4" = 1025' guided rods, 6-1 1/2" = 150' sinker bars
PUMP SIZE: CD1 2-1/2" x 1-1/4" x 12' x 16' RHAC pump
STROKE LENGTH: 100"
PUMP SPEED, SPM: 4

Wellbore Diagram



FRAC JOB

06-06-08 5506-5616' **Frac CP1 sds as follows:**
40,770# 20/40 sand in 426 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1994 psi w/ ave rate of 23.8 BPM. ISIP 2188 psi. Actual Flush: 4914 gals.
06-06-08 4670-4680' **Frac D2 sds as follows:**
40,545# 20/40 sand in 410 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1811 psi w/ ave rate of 23.8 BPM. ISIP 1920 psi. Actual Flush: 4120 gals.
06-06-08 4156-4164' **Frac GB6 sds as follows:**
50,204# 20/40 sand in 438 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1855 psi w/ ave rate of 24.0 BPM. ISIP 1810 psi. Actual Flush: 3692 gals.
06-06-08 3978-3986' **Frac GB2 sds as follows:**
30,226# 20/40 sand in 366 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1552 psi w/ ave rate of 15.6 BPM. ISIP 1587 psi. Actual Flush: 3893 gals.

1/6/09 Tubing Leak. Updated rod & tubing details.
9/30/09 Tubing Leak. Updated rod & tubing
07/24/10 Pump Change. Updated rod & tubing.
4/19/2011 Tubing Leak. Updated rods & tubing.

PERFORATION RECORD

3978-3986'	4 JSPF	32 holes
4156-4164'	4 JSPF	32 holes
4670-4680'	4 JSPF	40 holes
4694-4701'	4 JSPF	28 holes
5506-5516'	4 JSPF	40 holes
5520-5528'	4 JSPF	32 holes

NEWFIELD

State 13-16-9-16
652' FSL & 524' FWL
SW/SW Section 16-T9S-R16E
Duchesne Co, Utah
API #43-013-33853; Lease #Utah State ML-16532

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **SWDIF**Lab Tech: **Gary Peterson**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204150**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations		Anions	
		mg/L		mg/L	
Test Date:	12/9/2011	Sodium (Na):	6799.09	Chloride (Cl):	10000.00
System Temperature 1 (°F):	300.00	Potassium (K):	26.10	Sulfate (SO ₄):	2.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	9.40	Bicarbonate (HCO ₃):	1024.80
System Temperature 2 (°F):	70.00	Calcium (Ca):	26.80	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.01	Barium (Ba):	24.20	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	8.20	Iron (Fe):	0.47	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	17913.62	Zinc (Zn):	0.00	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.70	Fluoride (F):	0.00
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :	0.00	Bromine (Br):	0.00
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.06	Silica (SiO ₂):	0.00
H ₂ S in Water (mg/L):	10.00				

Notes:

(PTB = Pounds per Thousand Barrels)

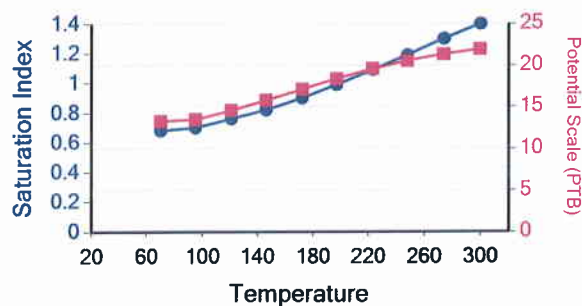
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.68	13.26	0.21	0.60	2.60	0.26	0.67	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.70	13.48	0.00	0.00	2.38	0.26	0.78	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.76	14.55	0.00	0.00	2.24	0.26	0.91	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.82	15.79	0.00	0.00	2.16	0.26	1.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.90	17.10	0.00	0.00	2.12	0.26	1.13	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.99	18.39	0.00	0.00	2.12	0.26	1.22	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.09	19.55	0.00	0.00	2.15	0.26	1.31	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.19	20.54	0.00	0.00	2.21	0.26	1.37	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.30	21.32	0.00	0.00	2.28	0.26	1.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.40	21.90	0.00	0.00	2.36	0.26	1.46	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.45	0.28	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.59	0.28	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.28	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.28	0.28	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.76	0.28	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	0.28	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.93	0.28	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.28	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.28	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.03	0.28	0.00	0.00	0.00	0.00	0.00	0.00

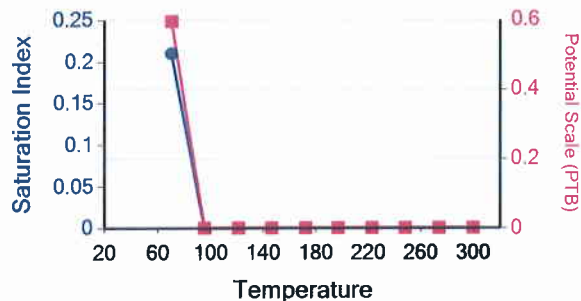
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

2 of 4

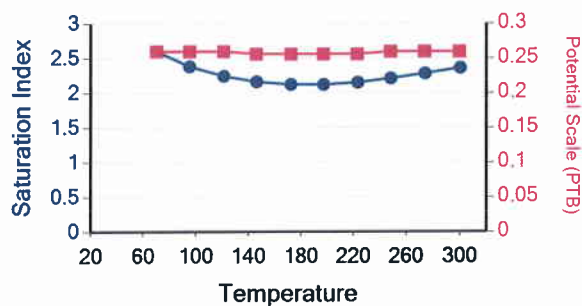
Calcium Carbonate



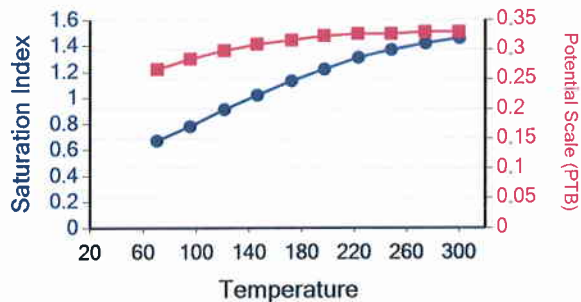
Barium Sulfate



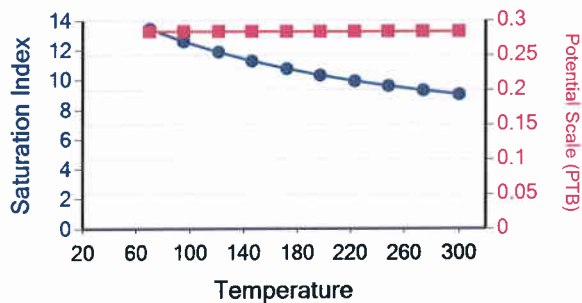
Iron Sulfide



Iron Carbonate



Lead Sulfide



Units of Measurement: Standard

Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Sales Rep: Michael McBride

Well Name: FEDERAL 5-21-9-16

Lab Tech: Gary Peterson

Sample Point: Treater

Sample Date: 5/20/2012

Sample ID: WA-214861

Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	5/29/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120.00	Sodium (Na):	5488.72	Chloride (Cl):	7500.00
System Pressure 1 (psig):	60.0000	Potassium (K):	81.50	Sulfate (SO ₄):	185.00
System Temperature 2 (°F):	185.00	Magnesium (Mg):	2.30	Bicarbonate (HCO ₃):	1586.00
System Pressure 2 (psig):	60.0000	Calcium (Ca):	3.90	Carbonate (CO ₃):	0.00
Calculated Density (g/ml):	1.007	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO):	0.00
pH:	8.10	Barium (Ba):	0.11	Propionic Acid (C ₂ H ₅ COO):	0.00
Calculated TDS (mg/L):	14852.58	Iron (Fe):	4.50	Butanoic Acid (C ₃ H ₇ COO):	0.00
CO ₂ in Gas (%):	0.00	Zinc (Zn):	0.31	Isobutyric Acid ((CH ₃) ₂ CHCOO):	0.00
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.12	Fluoride (F):	
H ₂ S in Gas (%):	0.00	Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	0.00	Manganese (Mn):	0.13	Silica (SiO ₂):	

Notes:

(PTB = Pounds per Thousand Barrels)

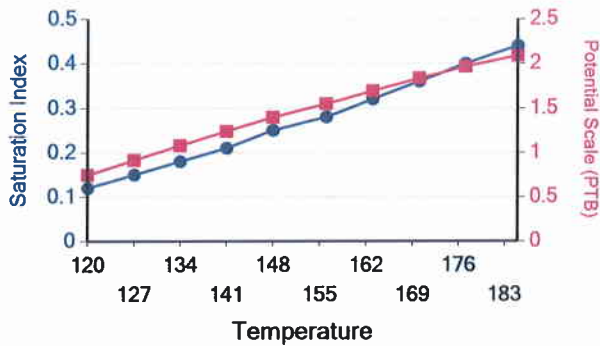
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.44	2.09	0.00	0.00	0.00	0.00	2.55	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.40	1.97	0.00	0.00	0.00	0.00	2.51	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.36	1.83	0.00	0.00	0.00	0.00	2.46	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.32	1.69	0.00	0.00	0.00	0.00	2.42	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.28	1.55	0.00	0.00	0.00	0.00	2.38	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.25	1.40	0.00	0.00	0.00	0.00	2.33	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.21	1.24	0.00	0.00	0.00	0.00	2.28	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.18	1.08	0.00	0.00	0.00	0.00	2.24	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.15	0.91	0.00	0.00	0.00	0.00	2.19	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.12	0.74	0.00	0.00	0.00	0.00	2.14	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
185.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.29	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.15	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.74	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.55	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

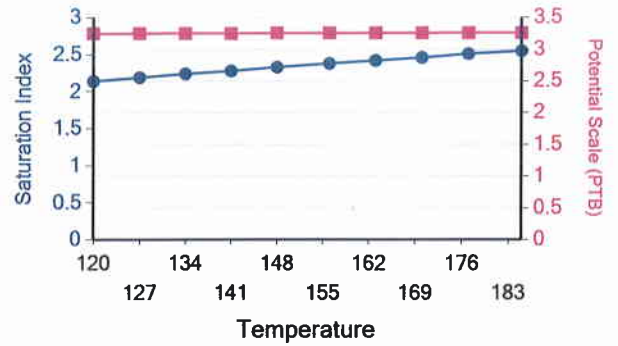
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Carbonate Zinc Carbonate

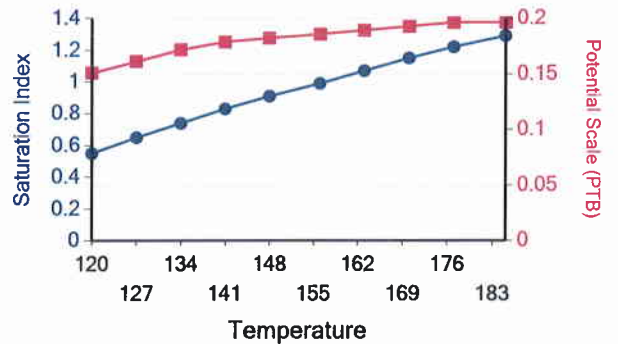
Calcium Carbonate



Iron Carbonate



Zinc Carbonate



Attachment "G"

Federal #5-21-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5852	5860	5856	2850	0.92	2812
5724	5732	5728	2500	0.87	2463
5482	5502	5492	2200	0.83	2164
4584	4652	4618	1960	0.86	1930
				Minimum	<u>1930</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



10/11

DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16

Report Date: 10-Nov-06

Day: 1

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322'

Prod Csg: 5 1/2" @ 5941'

Csg PBTD: 5888' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP5 sds	5852-5860'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9-Nov-06

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5888' & cement top @ 50' Perforate stage #1, CP5 sds @ 5852- 60' w/ 4" Port guns (19 gram, .46"HE. 120) w/ 4 spf for total of 32 shots. 141 BWTR. SIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141

Starting oil rec to date:

Fluid lost/recovered today: 0

Oil lost/recovered today:

Ending fluid to be recovered: 141

Cum oil recovered:

IFL: FFL: FTP:

Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Weatherford BOP

NPC NU crew

NDSI trucking

Perforators LLC

Drilling cost

Zubiate Hot Oil

Location preparation

NPC wellhead

Benco - anchors

Admin. Overhead

NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Orson Barney

DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16 Report Date: 11/23/06 Day: 2a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5888' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP5 sds	5852-5860'	4/32

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/22/06 SITP: SICP: 100

Day 2a. (Stage #1: CP5 sds)

RU BJ Services. 100 psi on well. Frac CP 5 sds w/ 24,030#'s of 20/40 sand in 364 bbls of Lightning 17 fluid. Broke @ 3590 psi. Treated w/ ave pressure of psi 2590 @ ave rate of 24.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2850 psi. Leave pressure on well. 364 BWTR. See Day 2b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 141 Starting oil rec to date:
 Fluid lost/recovered today: 364 Oil lost/recovered today:
 Ending fluid to be recovered: 505 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac BJ Services-CP 5
 Company: BJ Services CD wtr & trucking

Procedure or Equipment detail: CP 5 sands Weatherford bop

462 gals to crosslink Zubiate hot oil

2500 gals of pad Weatherford tools/serv

1915 gals W/ 1-4 ppg of 20/40 sand NPC Supervisor

4560 gals W/ 4-6 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 5334 gals of slick water

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2720 Max Rate: 25 bpm Total fluid pmpd: 364 bbls

Avg TP: 2590 Avg Rate: 24.8 bpm Total Prop pmpd: 24,030#

ISIP: 2850 5 min: 10 min: FG: .92 DAILY COST: \$0

Completion Supervisor: Don Dulen TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16 Report Date: 11/23/06 Day: 2b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5888' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5770'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP5 sds	5852-5860'	4/32
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/22/06 SITP: SICP: 1390

Day 2b. (Stage #2: CP4 sds)
 RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 8' perf gun. Se plug @ 5770'. Perforate CP 4 sds @ 5724-32" w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90) w/ 4 SPF for total of 32 shots. RU BJ Services. Open well w/ 1535 psi on well. Pressure up to 4200 psi., would not break. Dump bail acid Open well w/ 1390 psi. Frac CP 4 sds w/ 37,476#s of 20/40 sand in 415 bbls of Lightning 17 fluid. Broke @ 3940 psi Treated w/ ave pressure of psi 2400 @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3 ISIP 2500 psi. Leave pressure on well. BWTR. See Day 2c.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 505 Starting oil rec to date:
 Fluid lost/recovered today: 415 Oil lost/recovered today:
 Ending fluid to be recovered: 920 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used:	Job Type:	
<u>Lightning 17</u>	<u>Sand frac</u>	BJ Services-CP 4
Company: <u>BJ Services</u>		CD wtr & trucking
Procedure or Equipment detail:	<u>CP 4 sands</u>	Lone Wolf WL
504 gals to crosslink		Weatherford tools/serv
3300 gals of pad		Zubiate hot oil
2431 gals W/ 1-4 ppg of 20/40 sand		NPC Supervisor
4890 gals W/ 4-6.5 ppg of 20/40 sand		
598 gals W/ 6.5 ppg of 20/40 sand		
Flush W/ 504 gals of 15% HCL acid		
Flush W/ 5216 gals of slick water		
Flush called @ blender--includes 2 bbls pump/line volume		
Max TP: <u>2700</u> Max Rate: <u>25.1 bpm</u> Total fluid pmpd: <u>415 bbls</u>		
Avg TP: <u>2400</u> Avg Rate: <u>24.9 bpm</u> Total Prop pmpd: <u>37,476#</u>		
ISIP: <u>2500</u> 5 min: <u></u> 10 min: <u></u> FG: <u>.87</u>		
Completion Supervisor: <u>Don Dulen</u>		
		DAILY COST: <u>\$0</u>
		TOTAL WELL COST: <u>\$0</u>



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DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16

Report Date: 11/23/06

Day: 2c

Operation: Completion

Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5888' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5770'
 CBP @ 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP5 sds	5852-5860'	4/32
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/22/06

SITP: SICP:

Day 2c. (Stage #3: CP1 sds)

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 20' perf gun. Se plug @ 5600'. Perforate CP 1 sds @ 5482-5502' w/ 3-1/8" Slick Guns (23 gram, .43" HE, 90) w/ 4 SPF for total of 80 shots. RU BJ Services. Open well w/ 1535 psi on well. Pressured up to 4200 psi. Attempt to dump bail acid on perfs. Could not dump bail acid due to wireline truck malfunction. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 920 Starting oil rec to date:
 Fluid lost/recovered today: Oil lost/recovered today:
 Ending fluid to be recovered: 920 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP 1 sands

Lone Wolf WL

Weatherford tools/serv

NPC Supervisor

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Don Dulen

DAILY COST: \$0

TOTAL WELL COST: \$0



DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16 Report Date: 11/25/06 Day: 3a
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5888' WL
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5770'
 CBP @ 5600'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			CP5 sds	5852-5860'	4/32
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/24/06 SITP: SICP:

Day 3a. (Stage #3: CP1 sds)

RU BJ Services. Open well w/ 3766 psi on well. Pressure up to 4200 psi. Could not break down perfs. Dump bai acid on perfs. Open well w/ 1580 psi on well. Frac CP 1 sds w/ 56,615#s of 20/40 sand in 467 bbls of Lightning 17 fluid. Broke @ 3856 psi. Treated w/ ave pressure of psi 1940 @ ave rate of 24.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2200 psi. Leave pressure on well. See day 3b.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 920 Starting oil rec to date:
 Fluid lost/recovered today: 467 Oil lost/recovered today:
 Ending fluid to be recovered: 1387 Cum oil recovered:
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: CP 1 sands

4400 gals of pad

2944 gals W/ 1-5 ppg of 20/40 sand

5872 gals W/ 5-8 ppg of 20/40 sand

896 gals W/ 8 ppg of 20/40 sand

Flush W/ 504 gals of 15% HCL acid

Flush W/ 4977 gals of slick water

Flush called @ blender--includes 2 bbls pump/line volume

Max TP: 2190 Max Rate: 25.1 bpm Total fluid pmpd: 467 bbls

Avg TP: 1940 Avg Rate: 24.9 bpm Total Prop pmpd: 56,615#

ISIP: 2200 5 min: 10 min: FG: .83

Completion Supervisor: Don Dulen

BJ Services- CP1

CD wtr & trucking

Zubiate hot oil

Lone Wolf WL

NPC Supervisor

DAILY COST: \$0

TOTAL WELL COST: \$0



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DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16 Report Date: 11/25/06 Day: 3b
 Operation: Completion Rig: Rigless

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5888' WL
 Tbg: Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: 5770'
 CBP @ 5600', 4770'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/24/06 SITP: _____ SICP: _____

Day 3b. (Stage #4: D 1&2 sds)

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 15' perf gun. Se plug @ 5770'. Perforate D 1 & 2 sds @ 4584-4592', 4638-4652' & 4686-4701' w/ 3-1/8" Slick Guns (23 gram, .43" HE 90) w/ 4 SPF for total of 148 shots. RU BJ Services. Open well w/ 950 psi on well. Frac D 1&2 sds w/ 156,867#s of 20/40 sand in 1002 bbls of Lightning 17 fluid. Broke @ 2577 psi. Treated w/ ave pressure of 1675 psi @ ave rate of 25.1 BPM. ISIP 1960. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 1.5 hrs & died. Recovered 80 bbls.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1387 Starting oil rec to date: _____
 Fluid lost/recovered today: 922 Oil lost/recovered today: _____
 Ending fluid to be recovered: 2309 Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac
 Company: BJ Services

Procedure or Equipment detail: D 1&2 sands

11300 gals of pad
 7375 gals W/ 1-5 ppg of 20/40 sand
 14750 gals W/ 5-8 ppg of 20/40 sand
 4181 gals W/ 8 ppg of 20/40 sand
 Flush W/ 4494 gals of slick water

BJ Services- D1&2
 Weatherford tools/serv
 Lone Wolf WL
 Zubiate hot oil
 CD wtr & trucking
 Mtn West Sanitation
 Monk's pit reclaim
 NDSI water disposal
 Meacham labor/weld
 NPC location cleanup
 NPC Supervisor
 NPC surface equip.
 UniChem chemicals
 DAILY COST: _____ \$0

Max TP: 1900 Max Rate: 25.2 bpm Total fluid pmpd: 1002 bbls

Avg TP: 1675 Avg Rate: 25.1 bpm Total Prop pmpd: 156,867#

ISIP: 2200 5 min: _____ 10 min: _____ FG: .85

Completion Supervisor: Don Dulen

TOTAL WELL COST: _____ \$0

WELL NAME: Federal 5-21-9-16 Report Date: 11/29/06 Day: 4
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBDT: 5888' WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 2657' BP/Sand PBDT: 5770'
CBP @ 5600', 4770'

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/28/06 **SITP:** _____ **SICP:** 25

MIRU Western #2. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIF w/ 4 3/4" chomp bit, bit sub & 82 jts 2 7/8" tbg. From trailer (tallying & drifting). SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>2309</u> Fluid <u>lost</u> /recovered today: <u>0</u> Ending fluid to be recovered: <u>2309</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut: _____	
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COSTS

	Western #2
	Weatherford BOP
	NDSI water & truck
	NDSI Trucking
	NPC Trucking
	B&L new 2 7/8" tbgs.
	CDI TAC
	CDI PSN
	CDI rod pump

Max TP: _____ Max Rate: _____ Total fluid pmpd: _____
 Avg TP: _____ Avg Rate: _____ Total Prop pmpd: _____
 ISIP: _____ 5 min: _____ 10 min: _____ FG: _____
Completion Supervisor: Don Dulen

NPC supervisor	\$300
DAILY COST:	\$300
TOTAL WELL COST:	\$300

1. *Chlorophyll a* (Chl *a*)
 2. *Chlorophyll b* (Chl *b*)
 3. *Chlorophyll c* (Chl *c*)
 4. *Chlorophyll d* (Chl *d*)
 5. *Chlorophyll e* (Chl *e*)
 6. *Chlorophyll f* (Chl *f*)
 7. *Chlorophyll g* (Chl *g*)
 8. *Chlorophyll h* (Chl *h*)
 9. *Chlorophyll i* (Chl *i*)
 10. *Chlorophyll j* (Chl *j*)
 11. *Chlorophyll k* (Chl *k*)
 12. *Chlorophyll l* (Chl *l*)
 13. *Chlorophyll m* (Chl *m*)
 14. *Chlorophyll n* (Chl *n*)
 15. *Chlorophyll o* (Chl *o*)
 16. *Chlorophyll p* (Chl *p*)
 17. *Chlorophyll q* (Chl *q*)
 18. *Chlorophyll r* (Chl *r*)
 19. *Chlorophyll s* (Chl *s*)
 20. *Chlorophyll t* (Chl *t*)
 21. *Chlorophyll u* (Chl *u*)
 22. *Chlorophyll v* (Chl *v*)
 23. *Chlorophyll w* (Chl *w*)
 24. *Chlorophyll x* (Chl *x*)
 25. *Chlorophyll y* (Chl *y*)
 26. *Chlorophyll z* (Chl *z*)
 27. *Chlorophyll aa* (Chl *aa*)
 28. *Chlorophyll ab* (Chl *ab*)
 29. *Chlorophyll ac* (Chl *ac*)
 30. *Chlorophyll ad* (Chl *ad*)
 31. *Chlorophyll ae* (Chl *ae*)
 32. *Chlorophyll af* (Chl *af*)
 33. *Chlorophyll ag* (Chl *ag*)
 34. *Chlorophyll ah* (Chl *ah*)
 35. *Chlorophyll ai* (Chl *ai*)
 36. *Chlorophyll aj* (Chl *aj*)
 37. *Chlorophyll ak* (Chl *ak*)
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Day: 5

Rig: Western #2

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBDT: 5888' WL
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5774' BP/Sand PBDT: _____

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

Date Work Performed: 11/29/06 **SITP:** 25 **SICP:** 25

Bleed off well. Cont. RIH w/ tbg. Tag @ 4476'. RU powerswivel & pump. C/O to CBP @ 4770'. DU CBP in 55 min. Cont. RIH w/ tbg. Tag @ 5465'. C/O to CBP @ 5600'. DU CBP in 22 min. Cont. RIH w/ tbg. Tag @ 5752'. C/O to CBP @ 5770'. DU CBP in 18 min. Circulate well clean. Drain up. SWIFN.

Starting fluid load to be recovered: <u>2309</u> Fluid <u>lost</u> /recovered today: <u>0</u> Ending fluid to be recovered: <u>2309</u> IFL: FFL: FTP:	Starting oil rec to date: _____ Oil lost/recovered today: _____ Cum oil recovered: _____ Choke: Final Fluid Rate: Final oil cut:	
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[illegible]

Completion Supervisor: Don Dulen

TOTAL WELL COST: \$300

9 of 11

WELL NAME: Federal 5-21-9-16 Report Date: 12/1/06 Day: 6
Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5926'
Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 1303' BP/Sand PBTD: _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 11/30/06 SITP: 0 SICP: 0

RIH w/ tbg. Tag sand @ 5825'. C/O to PBD @ 5926'. Circulate well clean. Pull up to 5869'. RIH w/ swab. SFL @ surface. Made 13 runs. Recovered 141 bbls. Trace of oil. No show of sand. EFL @ 1100'. RIH w/ tbg. Tag fill @ 5914'. C/O to PBD @ 5926'. Circulate well clean. POOH w/ tbg. to 1303'. SWIFN.

FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: <u>2309</u>	Starting oil rec to date: _____	
Fluid lost /recovered today: <u>60</u>	Oil lost/recovered today: _____	
Ending fluid to be recovered: <u>2369</u>	Cum oil recovered: _____	
IFL: _____	Choke: _____	Final Fluid Rate: _____
FFL: _____		Final oil cut: _____
FTP: _____		

COSTS

[illegible]



DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16

Report Date: 12/2/06

Day: 7

Operation: Completion

Rig: Western #2

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5926'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 1303' BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/01/06

SITP: 0 SICP: 0

Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" BP, 3 jts 2 7/8" tbg., 2 7/8" nipple, PBGA, 1 jt 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 175 jts 2 7/8" tbg. ND BOP. Set TAC @ 5652' w/ 16,000# tension. NU wellhead. X-over for rods. RIH w/ CDI 2 1/2" x 1 1/2" x 12' x 15' RHAC pump, 6- 1 1/2" weight bars, 10- 3/4" guided rods, 111- 3/4" slick rods, 100- 3/4" guided rods, 1- 4', 2' x 3/4" pony subs, 1 1/2" x 22' polished rod. Seat pump. Fill tbg. w/ 1 bbl of water. Stroke test to 800 psi. RU pumping unit. Hang off rods. Adjust tag. RD. Did not put well on production. Waiting for surface equipment to be ready. SWIFN.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2309

Starting oil rec to date:

Fluid lost/recovered today: 60

Oil lost/recovered today:

Ending fluid to be recovered: 2369

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

PRODUCTION TBG DETAIL

ROD DETAIL

COSTS

PRODUCTION TBG DETAIL		ROD DETAIL	COSTS
KB 12.00'			Western #2
175 2 7/8" J-55 tbg	5640.56'	1 1/2" X 22' polished rod	Weatherford BOP
TA 2.80'	5652.56'	1- 2', 4' x 3/4" pony subs	Zubiate hot oil
1 2 7/8" J-55 tbg	31.62'	100- 3/4" scraped rods	NPC frac tks(6x10days)
SN 1.10'	5686.98'	111- 3/4" plain rods	NPC frac head
1 2 7/8" J-55 tbg	31.61'	10- 3/4" scraped rods	NPC swab tk(4days)
PBGA 5.20'	5720.89'	6- 1 1/2" weight bars	
2 7/8" nipple	1.20'	CDI 2 1/2" x 1 1/2" x 15'	
3 2 7/8" J-55 tbg	94.86'	RHAC pump	
2 7/8" bull plug	.75'		
EOT @ 5821.70'			

Completion Supervisor: Don Dulen

NPC supervisor
 DAILY COST: \$0

TOTAL WELL COST:



DAILY COMPLETION REPORT

WELL NAME: Federal 5-21-9-16 Report Date: 12/11/06 Day: 8
 Operation: Completion Rig: Western #2

WELL STATUS

Surf Csg: 8 5/8' @ 322' Prod Csg: 5 1/2" @ 5941' Csg PBTD: 5926'
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 1303' BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4584-4592'	4/32	CP5 sds	5852-5860'	4/32
D2 sds	4638-4652'	4/56			
D2 sds	4686-4701'	4/60			
CP1 sds	5482-5502'	4/80			
CP4 sds	5724-5732'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 12/02/06 SITP: _____ SICP: _____

PWOP @ 10.00 am w/ 86" SL & 5 SPM. Est 2369 BWTR. Final report.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2369 Starting oil rec to date: _____
 Fluid lost/recovered today: _____ Oil lost/recovered today: _____
 Ending fluid to be recovered: _____ Cum oil recovered: _____
 IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

PRODUCTION TBG DETAIL

ROD DETAIL

COSTS

PRODUCTION TBG DETAIL		ROD DETAIL	COSTS
KB 12.00'			
175 2 7/8" J-55 tbg	5640.56'	1 1/2" X 22' polished rod	
TA 2.80'	5652.56'	1- 2', 4' x 3/4" pony subs	
1 2 7/8" J-55 tbg	31.62'	100- 3/4" scraped rods	
SN 1.10'	5686.98'	111- 3/4" plain rods	
1 2 7/8" J-55 tbg	31.61'	10- 3/4" scraped rods	
PBGA 5.20'	5720.89'	6- 1 1/2" weight bars	
2 7/8" nipple	1.20'	CDI 2 1/2" x 1 1/2" x 15'	
3 2 7/8" J-55 tbg	94.86'	RHAC pump	
2 7/8" bull plug	.75'		
EOT @ 5821.70'			

Completion Supervisor: Don Dulen

NPC supervisor

DAILY COST: _____ \$0

TOTAL WELL COST: _____ \$0

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4534'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 140' balance plug using 17 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 372'

The approximate cost to plug and abandon this well is \$42,000.

Federal 5-21-9-16

Spud Date: 10/21/06
Put on Production: 12/02/06
K.B.: 6048' G.L.: 6036'

Initial Production: BOPD,
MCFD, BWPB

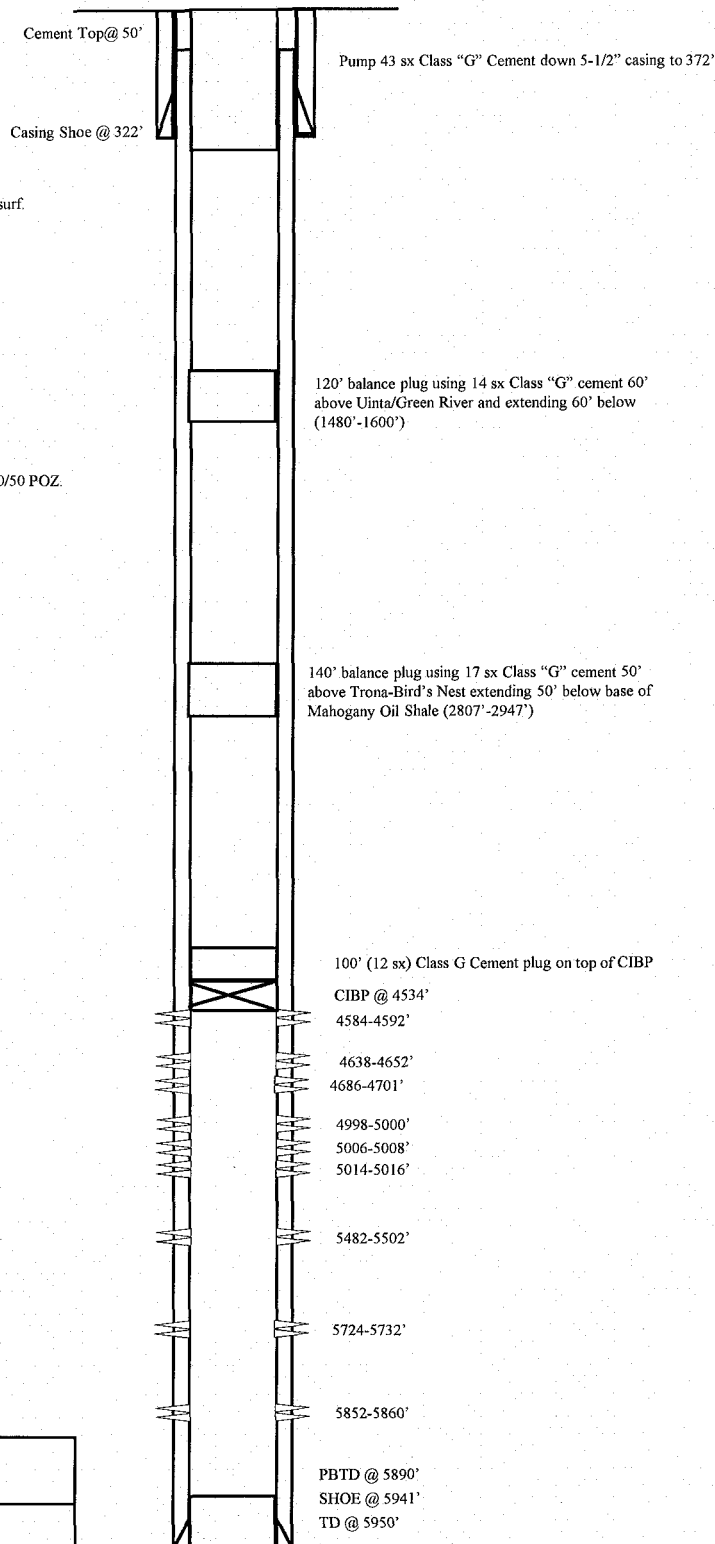
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (310.62')
DEPTH LANDED: 322.47' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts. (5927.96')
DEPTH LANDED: 5941.21' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP: 50'



NEWFIELD



Federal 5-21-9-16

2033' FNL & 551' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33020; Lease # UTU-64379

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066

Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number Invoice Date

32048

6/26/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$157.05

7/26/2012

RECEIVED

JUL 09 2012

DIV. OF OIL, GAS & MINING

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N.TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 32048

6/26/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16066 UBS	UBS Legal Notice: Notice of Agcy Actn: Cause No. UIC-396 Pub. June 26, 2012				\$157.05
					Sub Total:	\$157.05
					Total Transactions: 1	Total: \$157.05

SUMMARY Advertiser No. 2080 Invoice No. 32048

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of June, 2012, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of June, 2012, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Kevin Ashby

Publisher

Subscribed and sworn to before me on this

5 day of July, 2012

by Kevin Ashby

Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-396

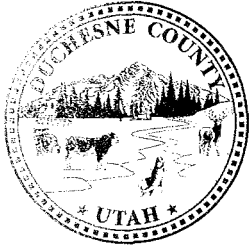
BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEW-FIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 6 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative

proceeding to consider the application of New-field Pr...
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Pleasant Grove, UT
Parkway Suite #400,
at 2162 West Grove
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Engineers located
office of Horrocks
June 19, 2012, at the
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GROVE, UTAH 84062
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on Tuesday, June 19,
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Project is to be com-
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repair, approximately
repair, gravel shoulder
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and 74-8" Gate Valves,
43-10" Gate Valves,
5-12" Gate Valves,
services, 35 hydrants;
mately 166 residential
also includes approxi-
locations. The project
berry River crossing
lations at 2 Straw-



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-33054
Walton Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15795
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15111
Monument Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-31409
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32648
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33845
Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33034
Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-33001
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

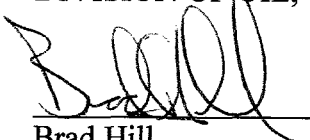
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 15-9-9-16, WALTON FEDERAL 4, C-O GOVT 1, MONUMENT FEDERAL 24-12J,
FEDERAL 15-13-9-16, STATE 1-16-9-16, FEDERAL 11-17-9-16, FEDERAL 15-18-9-16,
FEDERAL 5-21-9-16, FEDERAL 11A-22-9-16, FEDERAL 1-24-9-16, FEDERAL 1-27-9-16,
FEDERAL 3-29-9-16**

Cause No. UIC-396

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

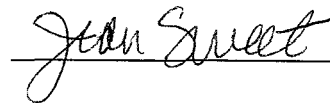
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

On 6/21/2012 5:41 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:04 AM
Subject: Legal Notice - UIC 396
Attachments: OrderConf.pdf

AD# 802908
Run Trib/DNews - 6/26
Cost \$393.08
Thank you
Mark

Order Confirmation for Ad #0000802908-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
Email	earlenerussell@utah.gov	Jean	mfultz

Total Amount	\$393.08			
Payment Amt	\$0.00			
		<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
Amount Due	\$393.08	0	0	1
Payment Method		<u>PO Number</u>	UIC 396	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	3.0 X 77 Li	<NONE>

<u>Product</u>	<u>Placement</u>	<u>Position</u>
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
<u>Product</u>	<u>Placement</u>	<u>Position</u>
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802908-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802908-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monticert Butte Units

Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-33054
Walter Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15795
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15111
Monticert Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-31409
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32648
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33845
Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33034
Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-33001
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802908

UPAXLP



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 26, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 5-21-9-16, Section 21, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33020

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,900 feet in the Federal 5-21-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

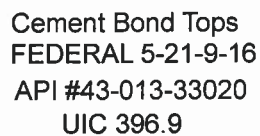
John Rogers
Associate Director

JR/MLR/js

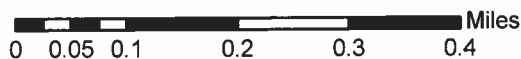
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





N



1870calc = approx cement top calculated from well completion report

- Buffer_of_SGID93_ENERGY_DNROilGasWells_142

SGID93_ENERGY_DNROilGasWells

SGID93.ENERGY.DNROilGasWells

GIS_STAT_TYPE

 - APD
 - DRL
 - ✂ GIW
 - _{GS} GSW
 - × LA
 - LOC (NEW)
 - OPS
 - ⊗ PA

- ☀ PGW
 - POW
 - ▲ RET
 - ☀ SGW
 - SOW
 - ✂ TA
 - TW
 - ✂ WDW
 - △ WIW
 - WSW

▭ SGID93_BOUNDARIES_Counties

 - SGID93_ENERGY_DNROilGasWells_HDBottom
 - SGID93_ENERGY_DNROilGasWells_HDPath
 - Wells-CbitopsMaster10_24_12

1870calc = ap

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 5-21-9-16

Location: 21/9S/16E **API:** 43-013-33020

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 322 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,941 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,102 feet. A 2 7/8 inch tubing with a packer will be set at 4,534 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 10 producing wells and 1 injection well in the AOR. In addition, there is 1 horizontal producing well with a surface location outside the AOR and a bottom hole location inside the AOR. There is 1 approved surface location outside the AOR from which a horizontal well will be drilled to a bottom hole location inside the AOR. There is 1 approved surface location inside the AOR for a directional well to be drilled to a bottom hole location outside the AOR, and finally, there is 1 proposed surface location inside the AOR for a directional well with a bottom hole location outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. Injection shall be limited to the interval between 3,900 feet and 5,890 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 5-21-9-16 well is 0.86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,930 psig. The requested maximum pressure is 1,930 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 5-21-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 10/26/2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-396

Operator: Newfield Production Company
Well: Federal 5-21-9-16
Location: Section 21, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33020
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 26, 2012.
2. Maximum Allowable Injection Pressure: 1,930 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,900' – 5,890')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

1/3/13
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/14/2012		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 12/13/2012. On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test.		
Accepted by the Utah Division of Oil, Gas and Mining Date: December 24, 2012 By:		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/19/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 12/14/12 Time 9:00 am pm
Test Conducted by: Riley Bagley
Others Present: _____

Well: Federal 5-21-9-14Field: Monument ButteWell Location: Federal 5-21-9-14API No: 4301333020

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1810</u>	psig
5	<u>1810</u>	psig
10	<u>1810</u>	psig
15	<u>1810</u>	psig
20	<u>1810</u>	psig
25	<u>1810</u>	psig
30 min	<u>1810</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 250 psig

Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley Bagley

Daily Activity Report

Format For Sundry

FEDERAL 5-21-9-16

10/1/2012 To 2/28/2013

12/11/2012 Day: 1

Conversion

Nabors #1423 on 12/11/2012 - MIRUSU, LD rods - RIG DOWN - PICK UP LOCATION - PRE - TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME - RIG DOWN - PICK UP LOCATION - PRE -TRIP - MOVE RIG DOWN ROAD TO 5 -21 -9-16 - WAIT FOR BENCO TO INSTALL AND TEST NEW DEADMAN ANCHOR - H/O HAD PUMP 60 BBLS DOWN CSG ALREADY - RIG UP - R/D PUMP JACK - P/U ON ROD STRING - UNSEAT ROD PUMP - WATER THAT WAS ORDERED WAS TAKEN TO THE WRONG LOCATION - WAIT 1 HR FOR WATER - FLUSH RODS W/ 30 BBLS - SOFT SEAT PUMP - FILL TBG W/ 13 BBLS - PRESSURE UP TO 2000 PSI - BLOW A HOLE IN THE TBG - L/D ROD STRING (1 1/2" x 30' POLISH ROD, 4', 6', & 8' x 3/4" ROD SUBS, 99 - 3/4" 4 PER GUIDED, 91 - 3/4" PLAIN, 30 - 3/4" 4 PER GUIDED, 6 - 1 1/2" WT BARS, PUMP -- STOPPED TWICE TO FLUSH RODS CLEAN - SWIFN - CREW TRAVEL HOME **Finalized**

Daily Cost: \$0

Cumulative Cost: \$17,354

12/12/2012 Day: 2

Conversion

Nabors #1423 on 12/12/2012 - POOH W/ 142 JTS BRAKING AND DOPING - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/U WORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8"

PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 0 PSI - SITP 0 PSI - OPEN WELL - CHANGE OVER FOR TBG - N/D WELLHEAD - N/U BOPS - R/UWORKFLOOR - R/U TBG EQUIPMENT - RELEASE TAC - P/U 4 JTS - TAG FILL @ 5916' - LITTLE OF NO, NEW FILL - L/D 4 JTS -POOH W/ 142 JTS BRAKING AND DOPING COLLARS - L/D 33 JTS - L/D BHA - TBG DETAIL AS FOLLOWS - 175 JTS, TAC, 1JT, S/N, 1JT, PBGA, 3JTS, BULL PLUG - *H/O PULLED AWAY FROM WELLHEAD BEFORE DISCONNECTING TAIL PIPE AND RIPPED TEE OUT OF NIPPLE ON WELLHEAD VALVE SHUT DOWN FOR 1HR FOR INVESTIGATION -M/U NEW BHA, 2 3/8" REENTRY GUIDE, 4' x 2 3/8" PUP JT, 5 1/2" ARROW SET PKR, RETRIEVING HEAD, 2 7/8" S/N - RIH W/ 40 JTS - SWIFN - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,695

12/13/2012 Day: 3

Conversion

Nabors #1423 on 12/13/2012 - FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/ TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - - CREW TRAVEL AND JSP MEETING, SICP 50 PSI - SITP 50 PSI - BLEED WELL OFF - FINISH RUNNING IN HOLE W/

TBG - (X/N NIPPLE, 4' PUP, X OVER, 5 1/2" ARROW SET PKR, ON/OFF TOOL, SEAT NIPPLE, 141 JTS 2 7/8" J -55) - PUMP 20 BBLS FOR A PAD - DROP STANDING VALVE FILL TBG - PRESSURE TBG TO 3000 PSI - CONTINUED TO PRESSURE TBG BACK UP TO 3000 PSI UNTIL WE ACHIEVED A 0 LOSS 30 MINUTE TEST @ 2 PM -R/U SANDLINE - RIH W/ 2" TRICO FISHING TOOL W/ 3/4" x 7/8" REVERSIBLE SLIPS - FISH STANDING VALVE - L/D SANDLINER/D WORK FLOOR - N/D BOPS - N/U WELLHEAD - SWIFN - **Finalized**

Daily Cost: \$0

Cumulative Cost: \$30,109

12/14/2012 Day: 4

Conversion

Nabors #1423 on 12/14/2012 - H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC - SICP 20 PSI - SITP 0 PSI - BLEED WELL OFF - WAIT FOR HOT OILER -H/O PUMP 50 BBLS PACKER FLUID - UNFLANGED WELL HEAD - SET PACKER - LAND TBG IN 15000#'S TENSION - N/U WELLHEAD - FILL CSG W/ 23 BBLS PACKER FLUID - PRESSURE CSG UP TO 1600 PSI - CSG BLED DOWN TO 1575 PSI IN 30 MINUTES - CSG HELD @ 1575 PSI FOR 30 MINUTES 0 LOSS TEST, RIG DOWN - PULLED RIG OVER TO SIDE OF LOCATION TO DO MAKE SOME REPAIRS W/ MECHANIC -MADE REPAIRS TO CONTROL CONSOLE W/ MECHANIC **Finalized**

Daily Cost: \$0

Cumulative Cost: \$33,332

12/17/2012 Day: 5

Conversion

Rigless on 12/17/2012 - Conduct initial MIT - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810

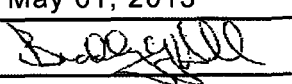
psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. - On 12/13/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/14/2012 the casing was pressured up to 1810 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 250 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$122,166

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> APD EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/12/2013		
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 2:30 PM on 04/12/2013.</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: May 01, 2013</p> <p>By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/19/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64379
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 5-21-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2033 FNL 0551 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 21 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013330200000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/12/2013	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> The above reference well was put on injection at 2:30 PM on 04/12/2013. </div> <div style="width: 35%; text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining Date: May 01, 2013 By:  </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/19/2013

Spud Date: 10/21/06

Put on Production: 12/02/06

K.B.: 6048' G.L.: 6036'

Federal 5-21-9-16

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (310.62')

DEPTH LANDED: 322.47' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 135 jts. (5927.96')

DEPTH LANDED: 5941.21' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 141 jts (4545.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4557.8' KB

ON/OFF TOOL AT: 4558.9'

ARROW #1 PACKER CE AT: 4564.8'

XO 2-3/8 x 2-7/8 J-55 AT: 4567.7'

TBG PUP 2-3/8 J-55 AT: 4568.2'

X/N NIPPLE AT: 4572.3'

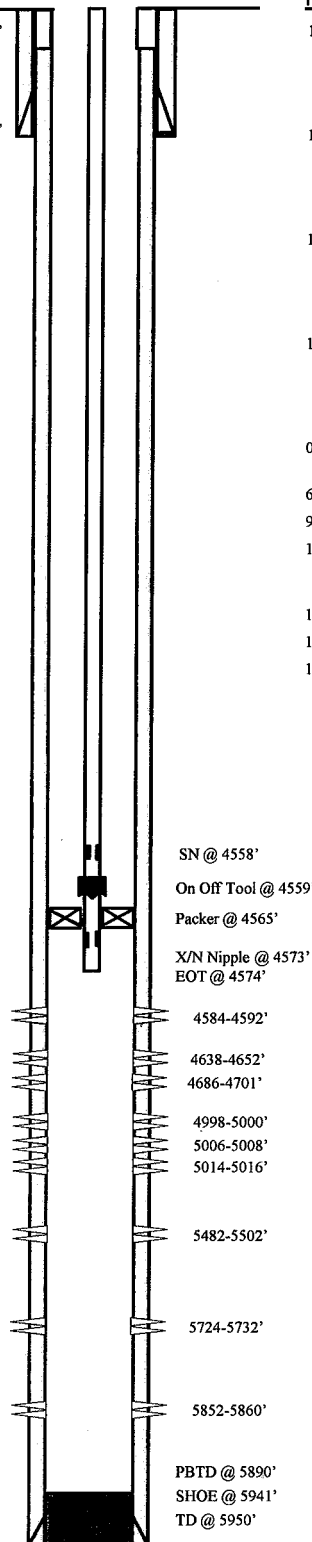
TOTAL STRING LENGTH: EOT @ 4574'

FRAC JOB

11/22/06	5852-5860'	Frac CP5 sands as follows: 24030# 20/40 sand in 364 bbls Lightning 17 frac fluid. Treated @ avg press of 2590 psi w/avg rate of 24.8 BPM. ISIP 2850 psi. Calc flush: 5858 gal. Actual flush: 5334 gal.
11/22/06	5724-5732'	Frac CP4 sands as follows: 37476# 20/40 sand in 415 bbls Lightning 17 frac fluid. Treated @ avg press of 2400 psi w/avg rate of 24.9 BPM. ISIP 2500 psi. Calc flush: 5730 gal. Actual flush: 5216 gal.
11/22/06	5482-5502'	Frac CP1 sands as follows: 56615# 20/40 sand in 467 bbls Lightning 17 frac fluid. Treated @ avg press of 1940 psi w/avg rate of 24.9 BPM. ISIP 2200 psi. Calc flush: 5500 gal. Actual flush: 4977 gal.
11/24/06	4584-4652'	Frac D1, D2 sands as follows: 156867# 20/40 sand in 1002 bbls Lightning 17 frac fluid. Treated @ avg press of 1675 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4650 gal. Actual flush: 4494 gal.
03/21/07		Pump Change: Updated rod and tubing detail.
6/1/2010		Pump change. Updated rod and tubing detail.
9/7/2010		Pump change. Updated rod and tubing detail.
10/22/10	4998-5016'	Frac A3 sands as follows: 61766# 20/40 sand in 501 bbls Lightning 17 frac fluid.
10/25/10		Re-Completion Finalized
12/13/12		Convert to Injection Well
12/14/12		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11/09/06	5852-5860'	4 JSPF	32 holes
11/22/06	5724-5732'	4 JSPF	32 holes
11/22/06	5482-5502'	4 JSPF	80 holes
11/24/06	4686-4701'	4 JSPF	60 holes
11/24/06	4638-4652'	4 JSPF	56 holes
11/24/06	4584-4592'	4 JSPF	32 holes
10/22/10	5014-5016'	3 JSPF	6 holes
10/22/10	5006-5008'	3 JSPF	6 holes
10/22/10	4998-5000'	3 JSPF	6 holes



NEWFIELD

Federal 5-21-9-16

2033' FNL & 551' FWL

SW/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33020; Lease # UTU-64379